

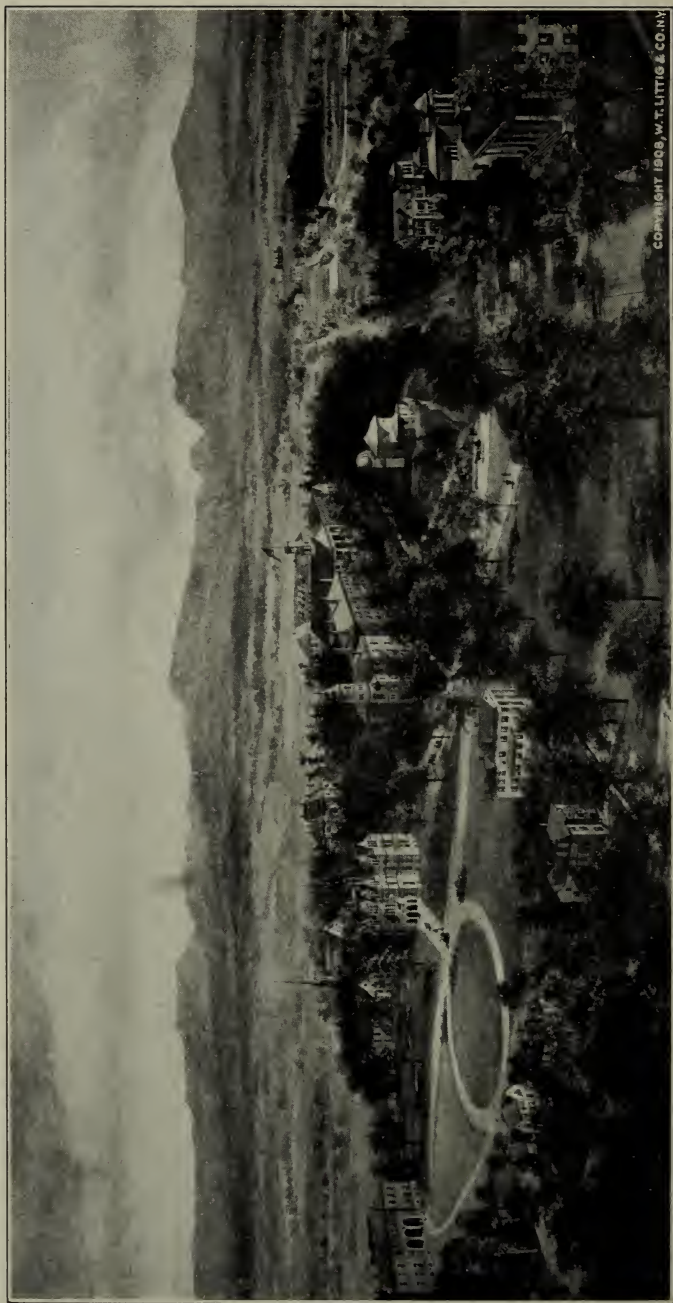
Amherst College Catalogue



1909-1910

AMHERST COLLEGE CATALOGUE





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Amherst College Catalogue

For the Year
1909-1910



Amherst  Massachusetts
Published by the College

1909

1910

1911

JULY

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College Calendar

1909

September	23,	Beginning of the College Year	11.30 A.M. Thursday
October	7,	Mountain Day, a holiday	Thursday
November	25-26,	Thanksgiving Recess	12.20 P.M. Wed.—2.00 P.M. Fri.
December	22,	Christmas Recess begins	4 P.M. Wednesday

1910

January	6,	Christmas Recess ends	8.15 A.M. Thursday
February	1-9,	Semi-annual Examinations	

February	10,	Second Half-Year begins	Thursday
February	13,	Day of Prayer for Colleges	Sunday
February	22,	Washington's Birthday, a holiday	Tuesday
March	9,	Ladd and Leland Gymnastic Exhibition	Wednesday
March	23,	Spring Recess begins	12.20 P.M. Wednesday
April	5,	Spring Recess ends	2 P.M. Tuesday
May	30,	Memorial Day	Monday
June	13-16,	Senior Examinations	
June	17-24,	Semi-Annual Examinations	
June	20-25,	Examinations for admission	Monday to Saturday
June	26,	Baccalaureate Sermon	Sunday
June	27,	Kellogg Prize Declamations	Monday evening
June	28,	Class Day	Tuesday
June	28,	President's Reception	Tuesday afternoon
June	28,	Hyde Prize Orations	Tuesday evening
June	29,	Commencement Exercises	Wednesday morning
June	29,	Alumni Dinner	Wednesday afternoon

SUMMER VACATION OF TWELVE WEEKS

September	16-21,	Examinations for admission	Friday to Wednesday
September	22,	Beginning of the College Year	11.30 A.M. Thursday
December	21,	Christmas Recess begins	4 P.M. Wednesday

Organization

AMHERST COLLEGE was opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

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President of the Corporation

GEORGE HARRIS, D.D., LL.D. Amherst, Mass.

President of the College

PROFESSOR WILLISTON WALKER, D.D.
New Haven, Conn.

Secretary of the Corporation

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HON. CHARLES H. ALLEN, LL.D. Lowell, Mass.

REV. HENRY H. KELSEY, M.A. Hartford, Conn.

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JOHN W. SIMPSON, LL.D. New York, N. Y.

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New York, N. Y.

EDWIN F. BAYLEY, B.A. Chicago, Ill.

FRANK WATERMAN STEARNS, B.A. Boston, Mass.

ARTHUR CHARLES ROUNDS, M.A. New York, N. Y.

PROFESSOR ARTHUR LINCOLN GILLETT, D.D.
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TALCOTT WILLIAMS, LL.D., LITT.D. Philadelphia, Pa.

HARRY WELTON KIDDER, B.A. Amherst, Mass.

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Overseers of the Charitable Fund

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M. FAYETTE DICKINSON, M.A.	Boston, Mass.
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REV. CHARLES W. MERRIAM	Greenfield, Mass.

HARRY WELTON KIDDER, B.A., *Commissioner*

Faculty

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President's House

EDWARD PAYSON CROWELL, D.D., *Professor Emeritus of the
Latin Language and Literature* 21 Amity St.

EDWARD HITCHCOCK, M.D., LL.D., *Parmlly Billings Professor
of Hygiene and Physical Education, and Dean of the
Faculty* 12 College St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathe-
matics and Astronomy* 16 South Pleasant St.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus
of Chemistry* 23 Woodside Ave.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor
of Mineralogy and Geology* 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
28 Northampton Road

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Naviga-
tion, and Director of the Observatory* Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary
and Biblical Interpretation* 6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the
Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics*
25 Woodside Ave.

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathe-
matics, and Secretary of the Faculty* 3 Orchard St.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern
Government and International Law* 9 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor
of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D., *Professor of English
Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics*
16 South Pleasant St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music*
31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry*
2 South Pleasant St.

JAMES WALTER CROOK, PH.D., *Professor of Economics*
1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Professor of Hygiene
and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Com-
parative Anatomy* 8 Orchard St.

WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy*
13 Lincoln Ave.

CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German
Language and Literature* 18 Northampton Road

FREDERIC LINCOLN THOMPSON, M.A., *Professor of History*
63 South Pleasant St.

LEVI HENRY ELWELL, M.A., *Associate Professor of Greek,
and Instructor in Sanskrit* 5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of
Physics* 31 North Pleasant St.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor
of History* 31 Northampton Road

ELLIOT SNELL HALL, PH.D., *Associate Professor of Chem-
istry* 99 South Pleasant St.

ARTHUR HENRY BAXTER, PH.D., *Associate Professor of
Romance Languages* 34 Lincoln Ave.

STANLEY LEMAN GALPIN, PH.D., *Associate Professor of
Romance Languages* 22 Northampton Road

HENRY CARRINGTON LANCASTER, PH.D., *Associate Professor*
of Romance Languages 21 Main St.

JOHN CORSA, M.A., *Associate Professor of Public Speaking*
25 Amity St.

OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German*
75 South Pleasant St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of*
English 83 South Pleasant St.

HOWARD WATERS DOUGHTY, PH.D., *Associate Professor of*
Chemistry 77 South Pleasant St.

RICHARD FRANCIS NELLIGAN, *Assistant Professor of*
Hygiene and Physical Education 11 Sunset Ave.

GLOVER DUNN HANCOCK, PH.D., *Assistant Professor of*
Economics 21 Main St.

HERBERT FRANKLIN HAMILTON, PH.D., *Assistant Professor*
of English 7 Northampton Road

WILLIAM AVERILL STOWELL, PH.D., *Assistant Professor of*
Romance Languages 9 College Ave.

CHARLES HANSEN TOLL, PH.D., *Assistant Professor of*
Philosophy 13 Lincoln Ave.

ALFRED SHEPARD GOODALE, B.A., *Instructor in Botany, and*
Registrar South Amherst

LAURENCE HOUGHTON PARKER, B.A., *Walker Instructor in Mathematics*
2 South Prospect St.

PERCY ROBERT CARPENTER, B.A., *Instructor in Physical Education, and Assistant to the Dean*
22 Spring St.

HERBERT PIERREPONT HOUGHTON, PH.D., *Instructor in Latin*
21 North Pleasant St.

CHARLES WIGGINS COBB, M.A., *Instructor in Mathematics*
4 Northampton Road

LEWIS PARKE CHAMBERLAYNE, PH.D., *Instructor in Latin*
21 Main St.

CLARENCE EDWARD ANDREWS, M.A., *Instructor in English*
19 Main St.

WALTER PHELPS HALL, B.A., *Instructor in History*
4 Northampton Road

WILLIAM RADER WESTHAFFER, M.A., *Instructor in Physics*
25 North Prospect St.

ARTHUR LIVINGSTONE KIMBALL, B.A., *Assistant in Geology*
25 Woodside Ave.

HUBERT BAKER GOODRICH, B.S., *Assistant in Biology*
4 Tyler Place

WILLIAM ISAAC FLETCHER, M.A., *Otis Librarian*
54 North Pleasant St.

ROBERT STILLMAN FLETCHER, B.A., *Assistant Librarian*
15 Gaylord St.

RIGHT HONORABLE JAMES BRYCE, British Ambassador to the United States, *Henry Ward Beecher Lecturer.*

Committees of the Faculty

Administration: The PRESIDENT, Professors KIMBALL, COWLES, TYLER, OLDS, HOPKINS, ESTY.

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CHURCHILL, ESTY, CROOK, EASTMAN, F. L. THOMPSON.

Library: The PRESIDENT, Professors COWLES, CHURCHILL, NEWLIN, GALLINGER, LOOMIS, EASTMAN, the TREASURER.

Catalogue: The PRESIDENT, Professors HITCHCOCK, SMITH, UTTER.

Entrance Examinations: Professors COWLES, KIMBALL, ESTY, CHURCHILL, ELWELL, HOPKINS, EASTMAN, BAXTER, GALLINGER, the REGISTRAR.

Certificate Privilege: The PRESIDENT, Professors CHURCHILL, EMERSON, ELWELL.

Scholarships: The PRESIDENT, Professors HITCHCOCK, SMITH, EASTMAN.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Public Exhibitions: The PRESIDENT, Professors HITCHCOCK, GROSVENOR, ESTY, LOOMIS, F. L. THOMPSON.

Commencement: Professors HITCHCOCK, TODD, the TREASURER.

Degree of Master of Arts: Professors GENUNG, CROOK, ELWELL.

Alumni Teachers' Exchange: Professors TYLER, CHURCHILL, J. O. THOMPSON, the REGISTRAR.

Athletic Board: Faculty members; Professors HITCHCOCK, PHILLIPS, ESTY, F. L. THOMPSON, CROOK.

Advisers: Professors TYLER, COWLES, KIMBALL, SMITH, CHURCHILL, ESTY, BIGELOW, HOPKINS, CROOK, LOOMIS, ELWELL, GALLINGER, NEWLIN, EASTMAN, F. L. THOMPSON, BAXTER, GALPIN, LANCASTER, MANTHEY-ZORN, UTTER, Mr. PARKER, Mr. COBB.

College Preachers

1908-1909

Rev. HERBERT A. JUMP	-	-	-	New Britain, Conn.
Pres. ALBERT P. FITCH, D.D.	-	-	-	Cambridge, Mass.
Pres. HOWARD S. BLISS	-	-	-	Beirut, Syria
Rev. EDWARD SANDERSON	-	-	-	Providence, R. I.
Rev. LYMAN ABBOTT, D.D.	-	-	-	New York City
Rev. WILLIAM E. BARTON, D.D.	-	-	-	Oak Park, Ill.
Rev. H. ROSWELL BATES	-	-	-	New York City
Pres. WM. D. MCKENZIE, D.D.	-	-	-	Hartford, Conn.
Rev. FRANK J. GOODWIN	-	-	-	Pawtucket, R. I.
Prof. HENRY H. TWEEDY	-	-	-	New Haven, Conn.
Rev. HARRY E. FOSDICK	-	-	-	Montclair, N. J.
Rev. E. H. BYINGTON	-	-	-	Beverly, Mass.
Rev. GEORGE A. GORDON, D.D.	-	-	-	Boston, Mass.
Dean W. L. ROBBINS, D.D.	-	-	-	New York City
Rev. JAY T. STOCKING	-	-	-	Newtonville, Mass.
Rev. HARRY P. DEWEY, D.D.	-	-	-	Minneapolis, Minn.
Rev. JOHN T. STONE, D.D.	-	-	-	Chicago, Ill.
Rev. ROCKWELL H. POTTER	-	-	-	Hartford, Conn.
Rev. J. ROSS STEVENSON, D.D.	-	-	-	Baltimore, Md.
Rev. NEHEMIAH BOYNTON, D.D.	-	-	-	Brooklyn, N. Y.
Rev. JOHN S. ZELIE, D.D.	-	-	-	Plainfield, N. J.
Rev. JOHN H. DENISON	-	-	-	Boston, Mass.
Rev. HENRY A. STIMSON, D.D.	-	-	-	New York City
Prof. JAMES E. FRAME	-	-	-	New York City
Rev. F. BOYD EDWARDS	-	-	-	Brooklyn, N. Y.
Rev. CHARLES S. LANE	-	-	-	Mt. Vernon, N. Y.
Rev. HENRY E. COBB, D.D.	-	-	-	New York City
Prof. DICKINSON MILLER	-	-	-	New York City
Rev. CORNELIUS H. PATTON, D.D.	-	-	-	Boston, Mass.

President HARRIS and Professor GENUNG

Fellows and Resident Graduates

PRESERVED SMITH, PH.D., *Rufus B. Kellogg University*
Fellow Berlin, Germany

ALBERT JESSE LOVELEE, B.A., *Roswell Dwight Hitchcock*
Memorial Fellow Cambridge, Mass.

CURRY STARR HICKS, B.P.D., *Edward Hitchcock Fellow*
4 North Prospect St.

RICHARD MITCHELS NEUSTADT, B.S., *South End House*
Fellow Boston, Mass.

STODDARD LANE, B.A., A Δ Φ House

Senior Class

The letter *s* after the name of a student indicates that he is a special student.

Adler, Frederic Emanuel	<i>Milwaukee, Wis.</i>	8 Nash Block
Alling, Robert Babson	<i>Riverside, Ill.</i>	Φ Δ Θ House
Amos, Lindsay Cline	<i>Utica, N. Y.</i>	A Δ Φ House
Atwood, Alfred Loranus	<i>Norwood, Mass.</i>	Φ K Ψ House
Avery, Henry Lawrence	<i>Charlemont, Mass.</i>	Φ K Ψ House
Baldwin, Edward	<i>Cincinnati, Ohio</i>	B Θ II House
Barney, Earle Alvah	<i>Greenfield, Mass.</i>	Σ Δ P House
Beaman, Ralph Heckman	<i>Princeton, Mass.</i>	Φ K Ψ House
Bedford, Edward Thomas, 2nd	<i>Brooklyn, N. Y.</i>	5 Parsons St.
Bisbee, Joseph Bartlett, Jr.	<i>Poughkeepsie, N. Y.</i>	A Δ Φ House
Boynton, Arthur Boardman	<i>New York, N. Y.</i>	Φ Γ Δ House
Boynton, Morrison Russell	<i>Brooklyn, N. Y.</i>	X Φ House
Brownell, Joseph Dan	<i>Westfield, Mass.</i>	11 South Prospect St.
Bullard, Rockwood	<i>Medford, Mass.</i>	X Φ House
Burnett, George Brinton, Jr.	<i>Amherst, Mass.</i>	Φ Γ Δ House
Carter, Harold Sims	<i>Brooklyn, N. Y.</i>	19 Amity St.
Clark, William Evans	<i>New York, N. Y.</i>	Old A Δ Φ House
Collins, Earl King	<i>Homer, N. Y.</i>	1 College Ave.
Corey, Harris Lorenzo	<i>Toledo, Ohio</i>	Δ Y House
Cornell, Joseph Delmonte	<i>East Orange, N. J.</i>	Ψ Y House
Cragin, Horace Stuart	<i>Brooklyn, N. Y.</i>	12 Woodside Ave.
Daniels, Carroll Salem	<i>Grand Rapids, Mich.</i>	Δ Y House
DeGroot, Mitchell Benjamin	<i>Troy, N. Y.</i>	14 Nash Block
Draper, Walter Dillaway	<i>Brooklyn, N. Y.</i>	9 Spring St.
Drewsen, Pierre	<i>Brooklyn, N. Y.</i>	Θ Δ X House
Emrie, Daniel Edwin	<i>Springfield, Ohio</i>	B Θ II House
Fancher, Paul Adeo	<i>Glen Cove, N. Y.</i>	Ψ Y House
Farrier, Edward	<i>Brooklyn, N. Y.</i>	Δ K E House
Fenton, Ira Ellsworth	<i>South Hadley Falls, Mass.</i>	
Fink, John Scott	<i>Irwin, Pa.</i>	Δ K E House
Fleck, Harry Deegan	<i>New York, N. Y.</i>	Φ Γ Δ House
Francis, Clarence	<i>Port Richmond, N. Y.</i>	Δ Y House

Gardner, Raymond Foster	Chester, N. J.	27 South College
Goddard, William Otis	Abington, Mass.	K Θ House
Goodnow, Weston Whitney	New York, N. Y.	X Ψ Lodge
Hall, Bartow Harwood	Colorado Springs, Colo.	A Δ Φ House
Hamlin, Talbot Faulkner	New York, N. Y.	B South College
Harris, Benjamin Lawrence	Olean, N. Y.	12 South College
Harris, Herbert Bennett	Cambridge, Mass.	Σ Δ P House
Heath, Louis Jay	Cortland, N. Y.	Φ K Ψ House
Henry, John Park	Amherst, Mass.	Θ Δ X House
Holden, Harry Dewey	Mamaroneck, N. Y.	Σ Δ P House
Hood, Robert Huntley	Corning, N. Y.	B Θ Π House
Howard, John Danielson s	Providence, R. I.	Ψ Υ House
Hudson, Charles John	Clinton, Mass.	Physics Laboratory
Jacobus, Graham Bentley	Thomaston, N. Y.	14 Nash Block
Jewett, Charles Harvey	Canandaigua, N. Y.	A Δ Φ House
Johnson, Roger Arthur	Amherst, Mass.	11 South Prospect St.
Johnston, Stewart Shurtleff	Oak Park, Ill.	B Θ Π House
Jube, Albert Riordan	Brooklyn, N. Y.	X Φ House
Keator, Alfred Decker	Accord, N. Y.	1 College Ave.
Keim, John Howard	New York, N. Y.	27 South College
Keith, James Perkins	Brockton, Mass.	X Φ House
Kellogg, William Raymond	Katonah, N. Y.	19 South College
Kendrick, Raymond Holmes	Springfield, Mass.	X Φ House
Kennedy, Ollo Alson	Hardwick, Mass.	30 North Prospect St.
Knight, Frederick Sylvester	New York, N. Y.	Σ Δ P House
Ladd, William Sargent	Portland, Ore.	Old A Δ Φ House
Lawton, Ernest James	Athol, Mass.	Φ Γ Δ House
McClure, Lawrence Ledwith	Wayne, W. Va.	Φ Δ Θ House
MacInnis, Murdock Norman	Gloucester, Mass.	Σ Δ P House
McMartin, Daniel Cole	Des Moines, Iowa	X Ψ Lodge
Marsh, William Rolfe	Pipestone, Minn.	Σ Δ P House
Marston, Clyde Bradley	Campello, Mass.	Σ Δ P House
Merchant, Mylon Dickinson	Roxbury, Mass.	Φ Γ Δ House
Millar, Clifford Warner	Athol, Mass.	Σ Δ P House
Mitchell, Abraham, Jr.	Riverside, Ill.	X Ψ Lodge
Morrison, Stuart Ten Broeck	Red Hook, N. Y.	A Δ Φ House
Murray, Robert Cornelius	Herkimer, N. Y.	19 Main St.
Ould, Richard Sheldon	Oswego, N. Y.	10B South College
Poor, Edward Eri, Jr.	Passaic, N. J.	Ψ Υ House

Senior Class

19

Porter, John, Jr.	<i>Montclair, N. J.</i>	Ψ Υ House
Pratt, Sterling Woodford	<i>Towanda, Pa.</i>	X Ψ Lodge
Pratt, Theodore	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Roberts, David Kellogg	<i>Warsaw, N. Y.</i>	6 Spring St.
Rugg, Frank Dickinson	<i>Greenfield, Mass.</i>	X Φ House
Sampson, Benedict Hubbard	<i>Chicago, Ill.</i>	9 Spring St.
San Souci, Paul Aloysius	<i>Providence, R. I.</i>	K Θ House
Schellenberg, Bertram Charles	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Seligman, Eustace Joseph	<i>New York, N. Y.</i>	Θ Δ X House
Shoop, Max Pardoe	<i>Rochester, N. Y.</i>	A Δ Φ House
Sullivan, Francis Owen	<i>Cortland, N. Y.</i>	Φ K Ψ House
Sumpf, Charles Russell	<i>Naugatuck, Conn.</i>	Δ Υ House
Swalley, John Frederick	<i>Toledo, Ohio</i>	Φ K Ψ House
Taggart, Bert King	<i>Millers Falls, Mass.</i>	Φ K Ψ House
Taylor, George Bingham	<i>Westboro, Mass.</i>	Φ Γ Δ House
Taylor, John Case s	<i>Chicago, Ill.</i>	5 Parsons St.
Tucker, Kenneth Todd	<i>New York, N. Y.</i>	Φ Δ Θ House
Van Auken, Jared Howell	<i>Adrian, Mich.</i>	12 Spring St.
Wade, David	<i>Amherst, Mass.</i>	14 Maple Ave.
Warner, Harold Lawson	<i>Brooklyn, N. Y.</i>	Δ K E House
Warner, John Birchard	<i>Brooklyn, N. Y.</i>	19 South College
Wei, Wen Pin	<i>Pekin, China.</i>	Snell St.
West, William Taylor, Jr.,	<i>Roselle, N. J.</i>	A Δ Φ House
Wetmore, Lansing Southworth	<i>Rochester, N. Y.</i>	Ψ Υ House
Wheeler, Raymond Parks	<i>Hartford, Conn.</i>	B Θ II House
Whicher, George Frisbie	<i>Middle Haddam, Conn.</i>	Θ Δ X House
Wight, John Claffin	<i>Brooklyn, N. Y.</i>	K Θ House
Williams, Frederic Edwards	<i>Belleville, N. Y.</i>	Φ Γ Δ House
Wiltzie, Raymond Hastings	<i>Cortland, N. Y.</i>	4 North Prospect St.
Woodward, Harold Edward	<i>Worcester, Mass.</i>	Θ Δ X House
Wortman, Elbert Brinckerhoff		
Monroe	<i>East Orange, N. J.</i>	Δ Υ House

Junior Class

Abbot, Frank Prentice, Jr.	<i>Brooklyn, N. Y.</i>	B Θ II House
Abele, Richard Peter	<i>Zanesville, Ohio</i>	Δ Y House
Albree, George Norman	<i>Swampscott, Mass.</i>	X Ψ Lodge
Altschul, Justin August	<i>Dayton, Ohio</i>	Σ Δ P House
Ashley, John Porter	<i>Deerfield, Mass.</i>	15 Spring St.
Babbage, Lawrence Washburn	<i>Glen Ridge, N. J.</i>	Θ Δ X House
Babcock, William James	<i>Rochester, N. Y.</i>	X Ψ Lodge
Ballard, Clifford Bateman	<i>Cleveland, Ohio</i>	Δ K E House
Barnum, William Newton	<i>Brooklyn, N. Y.</i>	Δ K E House
Bates, Lloyd	<i>Portland, Ore.</i>	X Φ Annex
Beckwith, Carleton Burwell	<i>Brooklyn, N. Y.</i>	Φ Δ Θ House
Belden, Carroll Reed	<i>Omaha, Neb.</i>	B Θ II House
Birdsall, Lawrence Edgar	<i>Philadelphia, Pa.</i>	29 North Prospect St.
Bowen, Carl Kenneth	<i>Bellows Falls, Vt.</i>	Φ K Ψ House
Boyer, William Edward	<i>Somersworth, N. H.</i>	Φ K Ψ House
Brainerd, George Winthrop	<i>Holyoke, Mass.</i>	X Φ Annex
Bravo, Hylton Logan	<i>Newton Centre, Mass.</i>	Φ K Ψ House
Bristol, Raymond Moreau	<i>Brooklyn, N. Y.</i>	Φ Γ Δ House
Bryan, William Craig	<i>New York, N. Y.</i>	Φ Γ Δ House
Buck, Malcolm Rodney	<i>Reading, Mass.</i>	X Φ Annex
Campbell, Charles Colfax	<i>Hackensack, N. J.</i>	Φ Γ Δ House
Cary, Frank	<i>Kyoto, Japan</i>	K Θ House
Chapin, Chester Fisher	<i>Montclair, N. J.</i>	A Δ Φ House
Chapman, Charles Hyde	<i>Rutland, Vt.</i>	Ψ Y House
Clarke, Alfred Henry	<i>Portland, Ore.</i>	B Θ II House
Connor, Wayne Everett	<i>New York, N. Y.</i>	19 Amity St.
Cooke, Thomas Skidmore	<i>Fredonia, N. Y.</i>	Φ Δ Θ House
Corry, William Francis	<i>Montpelier, Vt.</i>	Θ Δ X House
Corwin, Merton Polydore	<i>Cortland, N. Y.</i>	Φ K Ψ House
Cranshaw, Harold Brown	<i>Providence, R. I.</i>	B Θ II House
Creesy, Morton Ray	<i>Beverly, Mass.</i>	K Θ House
Crittenden, Edmund Kearsley	<i>Brooklyn, N. Y.</i>	A Δ Φ House
Dall, William Brand, Jr.	<i>Brooklyn, N. Y.</i>	19 Amity St.

Davis, Arthur Lorenzo	Ware, Mass.	19 Amity St.
Delatour, Beeckman Jousseaum	Brooklyn, N. Y.	B Θ II House
Doolittle, William Pitt Shear-		
man	Utica, N. Y.	Ψ Υ House
Dozier, Lewis David, Jr.	St. Louis, Mo.	Δ K E House
Ehrgood, Allen Harry	Lebanon, Pa.	Ψ Υ House
Elder, Frank Rose	Amherst, Mass.	8 Triangle St.
Fairbank, Alan Melvin	Ahmednagar, India	B Θ II House
Fish, Gordon Thorn	Newark, N. J.	15 Spring St.
George, Robert Hudson	Brookline, Mass.	X Ψ Lodge
Gormley, Arthur Spain	Chicago, Ill.	Φ Δ Θ House
Haven, Erastus Otis	Lake Forest, Ill.	X Ψ Lodge
Haviland, Howard Ross	Brooklyn, N. Y.	Δ Υ House
Heermans, George Arthur	Corning, N. Y.	K Θ House
Henofer, Elmer Wilson	West New Brighton, N. Y.	Δ Υ House
Hine, Robert Burnett	Overbrook, Pa.	B Θ II House
Jacobs, Paul Cloyd	Lima, Ohio	8 North Prospect St.
Jones, Clayton Berry	Elizabeth, N. J.	Δ K E House
Kane, Thomas Leo	Gardiner, Me.	Θ Δ X House
Keith, Roger	Brockton, Mass.	X Φ House
Kernan, Thomas Francis	Cortland, N. Y.	Φ K Ψ House
Keyes, John Humphrey	Brookline, Mass.	Φ K Ψ House
Kittle, Sherman Crary	Stamford, N. Y.	Physics Laboratory
Lamb, John Jefferson	Worcester, Mass.	Φ Γ Δ House
Levy, Isidor David	Greenfield, Mass.	17 South Prospect St.
Lilienthal, Philip Nettle, Jr.	San Francisco, Cal.	19 Amity St.
Loomis, Hubert Hillhouse	Bedford, Mass.	21 Main St.
Lord, Herbert Gardiner, Jr.	New York, N. Y.	Φ Δ Θ House
Lord, Upton Prentiss	Omaha, Neb.	Δ K E House
McBride, George Henry	East Orange, N. J.	Whitridge Hall
McCague, John Livingston	Omaha, Neb.	X Ψ Lodge
McInerney, John Walter	Adams, Mass.	Φ Γ Δ House
Marsh, Edward Henry	Brooklyn, N. Y.	Tyler Place
Marvin, Campbell	Chicago, Ill.	Δ Υ House
Maxson, Edgar Potter	Westerly, R. I.	Δ K E House
Maynard, Harry Hilts	Stamford, N. Y.	Φ Γ Δ House
Miller, Harold Stuart	Amherst, Mass.	35 East Pleasant St.
Morton, Walter Harrison	Worcester, Mass.	Φ Γ Δ House
Myers, Robert Evershed	Rochester, N. Y.	B Θ II House

Parks, George Bruner	Brooklyn, N. Y.	3 Northampton Road
Parks, Ward Jackson, Jr.	Newton Centre, Mass.	Φ K Ψ House
Parsons-Smith, Donald	Toledo, Ohio	X Ψ Lodge
Patterson, Arthur Dunn	Findlay, Ohio	Ψ Υ House
Pattison, Arthur Eugene, Jr.	Ridgewood, N. J.	Ψ Υ House
Pattton, William Weston	Highland Park, Ill.	X Φ House
Paul, Randolph Evernghim	Ridgewood, N. J.	Φ Γ Δ House
Pawley, Thomas Désiré	East Northfield, Mass.	D North College
Pennock, Eugene Ramey	Altoona, Pa.	Δ K E House
Phelps, Alfred Edward	Brooklyn, N. Y.	Prospect House
Pinkett, John Randolph	Washington, D. C.	1 South College
Pohl, Frederick Julius	Brooklyn, N. Y.	Σ Δ P House
Powell, William Baker	Cleveland, Ohio	Ψ Υ House
Prince, Stanley Hodgdon	Lexington, Mass.	A Δ Φ House
Radcliffe, Vernon	Brooklyn, N. Y.	X Φ Annex
Riker, Joseph Marsh, Jr.	Newark, N. J.	55 South Pleasant St.
Roberts, Ernest Marion	White Cottage, Ohio	Δ Υ House
Roberts, Harold Carrier	Utica, N. Y.	A Δ Φ House
Roberts, Lawrence Winston	Utica, N. Y.	A Δ Φ House
Roby, Horace Edgar	Norwood, Mass.	14 Maple Ave.
Rugg, Charles Belcher	Worcester, Mass.	X Φ House
Sawyer, George Garfield	Hackensack, N. J.	K Θ House
Scandrett, Richard Brown, Jr.	Edgeworth, Pa.	B Θ II House
Scantlebury, Paul Fenwick	Springfield, Mass.	College Library
Seelye, Laurens Hickok	Wooster, Ohio	21 Northampton Road
Shumway, Waldo	Brooklyn, N. Y.	Σ Δ P House
Slayton, George Noyes	Morrisville, Vt.	K Θ House
Smith, Ralph Potter	New London, Conn.	Φ Δ Θ House
Smith, Walter Winthrop	Philadelphia, Pa.	3 Northampton Road
Snow, Charles Freeman	Newtonville, Mass.	25 Pleasant St.
Stearns, Albert Thomas, 2nd	Boston, Mass.	X Ψ Lodge
Stevens, John Hardison	New York, N. Y.	Δ K E House
Stone, William Morrell	Guilford, Conn.	K Θ House
Stott, Frederic William Heaton	Philadelphia, Pa.	Ψ Υ House
Thompson, Leighton Sumner	East Weymouth, Mass.	Σ Δ P House
Treadwell, George Ludington	Brookline, Mass.	Φ Δ Θ House
Van Woert, Lee Dutton	Oneonta, N. Y.	Δ Υ House
Wakelee, Louis Elmer	Big Flats, N. Y.	X Ψ Lodge
Walbridge, Arthur Hess	Rochester, N. Y.	A Δ Φ House

Junior Class

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Walker, Lewis Brigham	<i>Norwood, Mass.</i>	15 Spring St.
Washburn, William Francis	<i>Brockton, Mass.</i>	X Φ House
Weathers, Brantley Alexander, Jr.	<i>Ocala, Fla.</i>	Ψ Υ House
West, Joseph Thomas	<i>Princeton, Mass.</i>	Φ Γ Δ House
Wheelock, Dexter	<i>Brooklyn, N. Y.</i>	X Φ House
Whitney, Harold Adelbert	<i>Chenango Forks, N. Y.</i>	Φ K Ψ House
Whitten, Edmund Sumner	<i>Holyoke, Mass.</i>	Δ Υ House
Williams, George Way	<i>Rochester, N. Y.</i>	Φ Γ Δ House
Wilson, Leonard Hodges	<i>Waterville, N. Y.</i>	Λ Δ Φ House
Wood, Lawrence	<i>Monongahela, Pa.</i>	Δ K E House
Woodside, William Stewart	<i>Elmira, N. Y.</i>	Θ Δ X House
Yerrall, George Randall, Jr.	<i>Springfield, Mass.</i>	X Φ House
Young, Donnell Brooks	<i>North Hanover, Mass.</i>	
		8 North Prospect St.

Sophomore Class

Ambrose, Nathaniel	Yonkers, N. Y.	11 Parsons St
Armstrong, Robert Grenville	Northampton, Mass.	
Bacon, Howard Rogers	Pittsford, N. Y.	Θ Δ X House
Banfield, Everett Colby	Austin, Minn.	3 Northampton Road
Barton, Frederick Bushnell	Oak Park, Ill.	A Δ Φ House
Baumann, Albert Vogt, Jr.	Fremont, Ohio	B Θ Π House
Beatty, Claudius Francis	Brooklyn, N. Y.	Φ Δ Θ House
Bishop, Stanley Guard	Glyndon, Md.	Δ K E House
Bishop, William Woolley	Southampton, N. Y.	X Φ Annex
Brock, Roland Humphrey	Athol, Mass.	71 South Pleasant St.
Bronaugh, Lewis Judson	Portland, Ore.	Whitridge Hall
Brown, Edmund, Jr.	Norfolk, Conn.	Φ K Ψ House
Brown, William Mylton	North Adams, Mass.	11 Gaylord St.
Burns, Howard Fletcher	Pittsburgh, Pa.	8 North Prospect St.
Burt, Wilbur Farnham	New York, N. Y.	Ψ Υ House
Bussom, Thomas Wainwright	Pottsville, Pa.	28 South College
Campbell, Archibald Brush	Mt. Vernon, N. Y.	K Θ House
Carlin, George Andrew	Brooklyn, N. Y.	Δ K E House
Cass, DeLysle Ferrée s	Chicago, Ill.	Φ Δ Θ House
Chasseaud, Hervé Gordon de	Brooklyn, N. Y.	28 Pleasant St.
Clapp, George Ewing	Northampton, Mass.	
Colton, James Zearing	Chicago, Ill.	Φ Δ Θ House
Corwin, Arthur Russell	Somerville, Mass.	Δ K E House
Crandall, Harold Warren	Normandy, Mo.	A Δ Φ House
Cushing, Bartlett Ellis	Middleboro, Mass.	5 School St.
Dann, Harry Francis	Tullahoma, Tenn.	B Θ Π House
Davenport, Russell Lounsberry	Ogden, Utah	8 Spring St.
Davis, Clarion Almado	Collinsville, Conn.	Φ Γ Δ House
Dawson, George Littleton	Uniontown, Pa.	5 School St.
Deming, Keith Worthington*	Dubuque, Iowa	Φ Δ Θ House
Dick, Richard George	Worcester, Mass.	K Θ House
Dickson, Ensign Earle	Holyoke, Mass.	3 Northampton Road
Edds, Mac Vincent	Sag Harbor, N. Y.	Δ Υ House

*Deceased Nov. 12, 1909

Fitts, George Henry	<i>Pawtucket, R. I.</i>	Ψ' Y' House
Fitts, Harold Edward	<i>Mansfield, Mass.</i>	Θ Δ X House
Fraser, Harold Lloyd	<i>Woburn, Mass.</i>	Σ Δ P House
Freeman, Harlan Page	<i>Fredonia, N. Y.</i>	Σ Δ P House
Gideon, Reinhart Lang	<i>Ogden, Utah</i>	8 Spring St.
Goldstein, Harry	<i>Spokane, Wash.</i>	Φ K Ψ' House
Gray, Edward Benjamin	<i>Washington, D. C.</i>	
Greene, Harold Clute	<i>Cohoes, N. Y.</i>	Δ K E House
Gregory, Ernest	<i>Marblehead, Mass.</i>	Δ K E House
Haight, Harris Losee	<i>Millbrook, N. Y.</i>	3 Northampton Road
Hall, Russell Bertram	<i>Worcester, Mass.</i>	Θ Δ X House
Heavens, Ralph Bardwell	<i>Plymouth, Mass.</i>	Σ Δ P House
Hubbard, Claude Harrison	<i>Hatfield, Mass.</i>	Gymnasium
Hunting, Raymond Davis	<i>Boston, Mass.</i>	Δ K E House
Hurst, Benoni Price	<i>Washington, D. C.</i>	1 South College
Jackson, Frank Stanley	<i>Winthrop, Me.</i>	8 North Prospect St.
Jones, Levi Ronald	<i>Winthrop, Me.</i>	5 School St.
Jones, Lloyd	<i>Circleville, Ohio</i>	A Δ Φ House
Joy, Percy Clark	<i>Atlantic City, N. J.</i>	11 Gaylord St.
Keeler, Isaac Spaulding	<i>Grand Rapids, Mich.</i>	Δ Y' House
Kelly, Lawrence Rogers	<i>Brighton, Mass.</i>	3 Northampton Road
Keyser, Paul Fulmer	<i>East Orange, N. J.</i>	Nash Block
Knapp, Benjamin Franklin	<i>Canandaigua, N. Y.</i>	
Lahey, William Stewart	<i>Jersey City, N. J.</i>	25 Pleasant St.
Lary, Harold Raymond	<i>Wareham, Mass.</i>	Φ K Ψ' House
Levy, Maurice Jacques	<i>Greenfield, Mass.</i>	17 South Prospect St.
Lucey, Patrick Henry	<i>Northampton, Mass.</i>	K Θ House
Lyon, Arthur Bates	<i>Brockton, Mass.</i>	34 Amity St.
McFarland, Frank Janvier	<i>Brooklyn, N. Y.</i>	X Ψ' Lodge
Madden, John Harrison	<i>Binghamton, N. Y.</i>	Δ K E House
Mason, Charles Alfred	<i>Baltimore, Md.</i>	Θ Δ X House
Mead, Frederic Harold	<i>Watervliet, N. Y.</i>	12 Lessey St.
Mesick, Henry Thomas	<i>Springfield, Mass.</i>	11 Gaylord St.
Miles, Daniel Nelson	<i>Livingston, Mont.</i>	X Ψ' Lodge
Miller, Spencer, Jr.	<i>South Orange, N. J.</i>	A Δ Φ House
Miller, William Evans	<i>Pittsburg, Pa.</i>	Δ K E House
Millett, Fred Benjamin	<i>Whitman, Mass.</i>	A South College
Miner, Edward Cooley	<i>Springfield, Mass.</i>	27 North Prospect St.
Moller, Lester John Frederick	<i>Brooklyn, N. Y.</i>	B Θ II House

Moody, Van Buren	<i>Mt. Hermon, Mass.</i>	C South College
Norris, William Baker, Jr.	<i>St. Joseph, Mo.</i>	Δ Y House
Olds, Leland	<i>Amherst, Mass.</i>	A Δ Φ Annex
Orr, Alan Gardner	<i>Springfield, Mass.</i>	16 South College
Orr, Walter Stuart s	<i>Orr's Mills, N. Y.</i>	Δ Y House
Ostrander, Henry Sage	<i>Butte, Mont.</i>	Φ K Ψ House
Parsons, DeWitt Hoag	<i>Binghamton, N. Y.</i>	6 Northampton Rd
Peacock, Alfred Burlingham	<i>Brooklyn, N. Y.</i>	B Θ Π House
Pease, Franklin Stuart	<i>Enfield, Ct.</i>	8 North Prospect St.
Peirce, Harry Haynes	<i>Taunton, Mass.</i>	11 Gaylord St.
Perkins, Charles Kingman	<i>York Village, Me.</i>	Φ K Ψ House
Peters, Reed Charles	<i>Omaha, Neb.</i>	B Θ Π House
Pinney, Harold Burley	<i>Stafford, Ct.</i>	Δ K E House
Powell, Howell	<i>Shadeland, Pa.</i>	X Φ Annex
Proudfoot, Perry Alexander	<i>Roselle, N. J.</i>	13 Spring St.
Quinn, James Joseph, Jr.	<i>Whitinsville, Mass.</i>	X Φ Annex
Ramage, Alfred Hull	<i>Oil City, Pa.</i>	Nash Block
Randell, George Mulford	<i>New York, N. Y.</i>	Φ Δ Θ House
Rathbun, Benjamin	<i>Elmira, N. Y.</i>	A Δ Φ House
Reeve, Hugh Stanley,	<i>Kenwood, N. Y.</i>	28 South College
Root, Russell	<i>North Attleboro, Mass.</i>	5 Sunset Ave.
Sanford, Wayland Hall	<i>Duluth, Minn.</i>	Δ Y House
Sheldon, Winfred Charles	<i>Fort Ann, N. Y.</i>	Φ Γ Δ House
Sherman, Stanley Carter	<i>Quincy, Mass.</i>	7 Parsons St.
Sibley, Beeman Pitcher	<i>Wellesley Hills, Mass.</i>	X Φ Annex
Sigel, Glenn Lara	<i>Portland, Ore.</i>	19 North College
Simpson, Howard Dodd	<i>Brooklyn, N. Y.</i>	X Φ House
Smith, Carl J.	<i>Stillwater, N. Y.</i>	K Θ House
Smith, Leslie Fisher	<i>Stamford, Conn.</i>	Θ Δ X House
Smithers, Melville	<i>St. Louis, Mo.</i>	Θ Δ X House
South, Harold Thomas	<i>East Braintree, Mass.</i>	K Θ House
Sowden, Joseph Edwards	<i>Wenonah, N. J.</i>	
Spalding, Charles Dawson	<i>Malden, Mass.</i>	K Θ House
Stebbins, Leon Raymond s	<i>South Deerfield, Mass.</i>	Gymnasium
Steber, Raymond William	<i>Warren, Pa.</i>	Φ Δ Θ House
Stiles, Lorren, Jr.	<i>Victor, N. Y.</i>	15 Amity St.
Storke, Harold Grey	<i>Auburn, N. Y.</i>	Ψ Y House
Stuart, Merritt Corbett	<i>Binghamton, N. Y.</i>	6 Northampton Rd.
Stubbs, Eric Walter	<i>New York, N. Y.</i>	Δ K E House

Sophomore Class

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Swanton, Hobart Pond	<i>Rochester, N. Y.</i>	A Δ Φ House
Talcott, Warren Edward	<i>Livingston, Mont.</i>	55 South Pleasant
Tead, Ordway	<i>Somerville, Mass.</i>	A Δ Φ House
Thornton, Irving Taylor	<i>Buffalo, N. Y.</i>	19 Main St.
Turner, Philip Layton	<i>Elmhurst, N. Y.</i>	Δ Υ House
Vernon, Joseph Henry	<i>Mansfield, Mass.</i>	Φ Δ Θ House
Vollmer, Edward Bartlett s	<i>Brooklyn, N. Y.</i>	X Φ Annex
Vroom, Clifford Hall	<i>Briarcliff Manor, N. Y.</i>	Δ Υ House
Weatherby, Willard Erastus	<i>Clarendon, Tex.</i>	11 North College
Weis, Herman William	<i>Holyoke, Mass.</i>	B Θ Π House
Welles, Robert	<i>Paris, France</i>	X Ψ Lodge
Wellman, Sargent Holbrook	<i>Malden, Mass.</i>	Whitridge Hall
Wheaton, Raymond Thomas	<i>Putnam, Conn.</i>	Δ Υ House
Whiteman, Harold Bartlett	<i>Rochester, N. Y.</i>	A Δ Φ House
Williams, Lester Emerson	<i>Brockton, Mass.</i>	K Θ House
Witney, George Walter	<i>Brockport, N. Y.</i>	

Freshman Class

Allen, Herbert Charles, Jr.	<i>Buffalo, N. Y.</i>	30 North Prospect St.
Allen, Harold Gates	<i>Auburndale, Mass.</i>	4 North College
Ambrose, Frederic Cook	<i>Yonkers, N. Y.</i>	11 Parsons St.
Anderson, Floyd Eugene	<i>Bainbridge, N. Y.</i>	12 Northampton Rd.
Andrews, Arthur Howard s	<i>Mineola, N. Y.</i>	25 Pleasant St.
Averill, Otis	<i>Flushing, N. Y.</i>	14 South College
Babbott, Frank Lusk, Jr.	<i>Brooklyn, N. Y.</i>	19 Main St.
Bailey, Charles Fifield	<i>Montpelier, Vt.</i>	31 North College
Barnes, Harry Paul	<i>Ambler, Pa.</i>	5 School St.
Bassett, Preston Rogers	<i>Brooklyn, N. Y.</i>	12 North College
Beckwith, Kenneth Burwell	<i>Brooklyn, N. Y.</i>	17 College St.
Belden, Horace Potter	<i>Hamilton, Ohio</i>	28 North College
Benedict, Chauncey	<i>Montclair, N. J.</i>	14 North College
Bixby, Harold McMillan	<i>St. Louis, Mo.</i>	8 North College
Blackmer, Waldo Harvey	<i>Worcester, Mass.</i>	5 School St.
Boehmer, Max, Jr.	<i>Denver, Col.</i>	E North College
Bond, Arthur Hazard	<i>Springfield, Mass.</i>	F North College
Booth, Ferris Cobb	<i>Yokohama, Japan</i>	15 North College
Browne, Robert Henry	<i>Doylestown, Pa.</i>	13 Spring St.
Brown, Wayland Hoyt	<i>Minneapolis, Minn.</i>	10 South College
Burnett, Henry Wootton	<i>Amherst, Mass.</i>	2 Sunset Ave.
Burns, Timothy Joseph	<i>Ware, Mass.</i>	12 Northampton Road
Cadman, Frederick Lester	<i>Brooklyn, N. Y.</i>	30 North College
Caldwell, Harold VanYorx	<i>Winchester, Mass.</i>	8 North Prospect St.
Caldwell, Louis Goldsborough	<i>Oak Park, Ill.</i>	27 North College
Callahan, Cornelius Henry s	<i>Norwood, Mass.</i>	16 Maple Ave.
Carter, Chauncey Paul	<i>Brooklyn, N. Y.</i>	19 Amity St.
Chapin, Russell Farley	<i>Greenfield, Mass.</i>	3 Northampton Road
Coates, John Locke	<i>Alliance, Ohio</i>	30 North Prospect St.
Cobb, Samuel Henry	<i>South Orange, N. J.</i>	13 Spring St.
Cohn, Louis Marbe	<i>Brooklyn, N. Y.</i>	17 North College
Collins, Frank Samuel	<i>River Forest, Ill.</i>	27 North College

Connolly, Bartholomew Joseph,		
Jr.	<i>Roxbury, Mass.</i>	13 Spring St.
Cook, Lloyd Harlow	<i>Chelsea, Mass.</i>	4 South College
Cousins, Thomas Flint	<i>Brooklyn, N. Y.</i>	19 Amity St.
Coxhead, John Wallace	<i>Buffalo, N. Y.</i>	32 South College
Coyle, Walter Wensley	<i>Ridgewood, N. J.</i>	23 North College
Creede, Thomas Raymond, Jr.	<i>East Orange, N. J.</i>	Tyler Place
Crippen, Ephraim Clarence	<i>Brockport, N. Y.</i>	11 North College
Crosby, Stanley Warfield	<i>Warren, Mass.</i>	15 Spring St.
Cross, Raymond Witherspoon	<i>Rochester, N. Y.</i>	9 South College
Crosthwaite, Gerald Morgan	<i>New York, N. Y.</i>	9 North College
Cutler, John Burdet, Jr.	<i>Hinsdale, Ill.</i>	12 North College
Dawes, Ralph Norton	<i>Springfield, Mass.</i>	14 Maple Ave.
Dickinson, William Gilford	<i>Oneonta, N. Y.</i>	8 Spring St.
Elliott, Irvine Wilbur	<i>Cambridge, Mass.</i>	13 North College
Ely, Dwight Caryl	<i>Erie, Pa.</i>	29 South College
Estabrook, Benjamin Wilde	<i>Boston, Mass.</i>	12 Lessey St.
Farwell, John Eden	<i>Geneva, N. Y.</i>	Nash Block
Fay, George Wyman	<i>Worcester, Mass.</i>	23 South College
Fitzsimmons, Raymond James	<i>Holyoke, Mass.</i>	26 South College
Frost, Carl Grover	<i>Buffalo, N. Y.</i>	14 Maple Ave.
Gilman, Wesley Alonzo	<i>South Berwick, Me.</i>	14 Maple Ave.
Glen, Horatio Gates, Jr.	<i>Schenectady, N. Y.</i>	22 North College
Glessner, Arthur Brown	<i>Chicago, Ill.</i>	29 North College
Goff, William Leslie	<i>Winchester, Mass.</i>	19 Amity St.
Good, Paul Francis	<i>Wahoo, Neb.</i>	7 Parsons St.
Greene, Theodore Ainsworth	<i>Middletown, Conn.</i>	22 South College
Guetter, Frederick John	<i>Elwyn, Pa.</i>	Nash Block
Hager, Richard Buckner	<i>Ashland, Ky.</i>	14 Kellogg Ave.
Haller, Frederick Raymond	<i>Buffalo, N. Y.</i>	31 South College
Hamilton, William Galloway	<i>Fond du Lac, Wis.</i>	21 South College
Harding, Howard Charles	<i>Mansfield, O.</i>	13 Spring St.
Hardy, Wilton Audubon	<i>Amherst, Mass.</i>	15 Lincoln Ave.
Harrington, Henry Bassett	<i>Buffalo, N. Y.</i>	19 Main St.
Harwood, William Bradford	<i>Great Neck, N. Y.</i>	Nash Block
Havens, George Remington, Jr.	<i>Shelter Island Heights, N. Y.</i>	
		18 South College
Heblich, Oliver Nicholas	<i>Pottsville, Pa.</i>	25 South College
Heinritz, Frederick John	<i>Holyoke, Mass.</i>	Hunt Block

Hopkins, Carroll Lyman	<i>Lansing, Mich.</i>	19 Amity St.
Howard, Elisha Harris, Jr.	<i>Providence, R. I.</i>	21 North College
Hutchens, Harold William	<i>Johnstown, N. Y.</i>	5 South College
Jaqueth, John Munro	<i>Brooklyn, N. Y.</i>	31 North Prospect
Jenkins, Robert Alden	<i>Whitman, Mass.</i>	17 North College
Johnston, Charles Lindley, Jr.	<i>Brooklyn, N. Y.</i>	8 South College
Joost, Arthur Martin	<i>Brooklyn, N. Y.</i>	5 School St.
Keller, Fernando Carl	<i>Rochester, N. Y.</i>	8 Woodside Ave.
King, John Lord	<i>Winnetka, Ill.</i>	5 School St.
Klingensfeld, John Henry, Jr.	<i>Brooklyn, N. Y.</i>	14 Maple Ave.
Knudson, Edward Chevalier	<i>Devon, Pa.</i>	55 South Pleasant St.
Ladd, Charles Thornton	<i>Portland, Ore.</i>	4 North Prospect St.
Lamberton, Harold Hutchinson	<i>Franklin, Pa.</i>	Nash Block
Lathrop, Carl Oswald	<i>Fall River, Mass.</i>	14 North College
Lee, Henry Foster	<i>Buffalo, N. Y.</i>	Δ Y House
Leiper, Henry Smith s	<i>Blauvelt, N. Y.</i>	15 North College
Lindsay, Kenneth Clement	<i>Milwaukee, Wis.</i>	10 North College
Littlejohn, Hugh Warwick	<i>Flushing, N. Y.</i>	14 South College
Livingston, Samuel Maurice	<i>Northampton, Mass.</i>	
Loomis, Henry Sprague	<i>Westfield, N. J.</i>	32 North College
Lysaght, Walter Joseph	<i>Mittineague, Mass.</i>	17 South College
Mabry, Alton Watson	<i>Watertown, Mass.</i>	26 North College
Marquis, John Bentley s	<i>St. Louis, Mo.</i>	19 Amity St.
Marsh, Allison Wilson	<i>Quincy, Mass.</i>	7 Parsons St.
Martin, James Gardner	<i>Attica, Ind.</i>	9 South College
Mathews, Ross	<i>Jersey City, N. J.</i>	Tyler Place
Maxson, John Stevens	<i>Hömer, N. Y.</i>	21 South College
Macdonald, James Frederick	<i>Seattle, Wash.</i>	12 Northampton Road
McDonnell, Charles Patrick	<i>Florence, Mass.</i>	
Mealand, Arthur John, Jr.	<i>Greenfield, Mass.</i>	3 Northampton Road
Merrill, Randolph Seaman	<i>Paterson, N. J.</i>	11 South College
Miller, Robert Starkweather	<i>Chestnut Hill, Mass.</i>	12 North College
Mitchell, Alvin s	<i>Los Angeles, Cal.</i>	55 South Pleasant
Mitchell, John Houston	<i>Meriden, Conn.</i>	6 South College
Moore, John Stanley	<i>Newton Centre, Mass.</i>	14 South College
Moore, Walter Weaver	<i>Johnstown, Pa.</i>	12 Northampton Road
Morris, Albert Millard	<i>Yonkers, N. Y.</i>	22 South College
Morse, Edward Stiles	<i>Amherst, Mass.</i>	25 North College
Murphey, Hermon King	<i>Niagara Falls, N. Y.</i>	Nash Block

Murray, H. Loomis	<i>Syracuse, N. Y.</i>	8 North College
Newbery, Alfred	<i>New York, N. Y.</i>	8 Woodside Ave.
Noble, Arthur William	<i>Somerville, Mass.</i>	14 Kellogg Ave.
Olds, George Daniel, Jr.	<i>Amherst, Mass.</i>	3 Orchard St.
Orr, Philbin Raymond	<i>New York, N. Y.</i>	9 North College
Parsons, Charles Edwards	<i>Colorado Springs, Colo.</i>	6 North College
Partenheimer, Harold Philip	<i>Greenfield, Mass.</i>	14 Maple Ave.
Patten, Kenneth Spalding	<i>Brockport, N. Y.</i>	13 South College
Patton, Hamilton	<i>Highland Park, Ill.</i>	29 North College
Plough, Harold Henry	<i>New York, N. Y.</i>	31 South College
Pope, Frederick Russell	<i>Brooklyn, N. Y.</i>	12 North College
Price, Clark Monroe	<i>Woodmere, N. Y.</i>	8 Woodside Ave.
Pride, Herbert Hammond	<i>Quincy, Mass.</i>	7 Parsons St.
Proctor, Hilliard Alonzo	<i>Corning, N. Y.</i>	8 Spring St.
Quill, James Robert	<i>North Brookfield, Mass.</i>	Hunt Block
Radding, Moses Bernhard	<i>West Springfield, Mass.</i>	17 South College
Rankin, Russell Bruce	<i>Newark, N. J.</i>	8 Spring St.
Renfro, DeGrimm	<i>Pittsburg, Pa.</i>	Nash Block
Richard, Irving Edward	<i>Rochester, N. Y.</i>	55 South Pleasant St.
Rising, Robert Morgan	<i>Springfield, Mass.</i>	29 No. Prospect St.
Robinson, Gain	<i>Springfield, Mass.</i>	Nash Block
Rothberg, Isidor Harvey	<i>Plainfield, N. J.</i>	29 North College
Sands, Louis Lorenzo s	<i>Chicago, Ill.</i>	30 South College
Scatchard, George	<i>Oneonta, N. Y.</i>	8 Spring St.
Seaman, James Alpheus	<i>Hoboken, N. J.</i>	14 Maple Ave.
Searle, Emerson Sheldon	<i>Hadley, Mass.</i>	
Selden, John Lincoln	<i>Northampton, Mass.</i>	
Sheridan, Charles Fitzgerald	<i>Oswego, N. Y.</i>	10 South College
Siegrist, William, Jr. s	<i>Brooklyn, N. Y.</i>	25 Pleasant St.
Simpson, John Woodruff	<i>East Craftsbury, Vt.</i>	5 School St.
Slocum, Winfield Scott, Jr.	<i>Newton, Mass.</i>	14 South College
Smith, Frank Jonathan Earnest	<i>Holyoke, Mass.</i>	Chemistry Laboratory
Smith, Frank Monroe	<i>Freehold, N. J.</i>	4 North College
Smith, Walter Willoughby	<i>Uniontown, Pa.</i>	5 Spring St.
Sobel, Jeffrey Mortimer	<i>Erie, Pa.</i>	23 North College
Stanchfield, John Barry, Jr.	<i>New York, N. Y.</i>	21 North College
Steele, Jack Worthington	<i>Painesville, O.</i>	19 Main St.
Stelling, Frank Palmer	<i>New York, N. Y.</i>	32 South College
Stewart, Lewis Morton	<i>Glen Ridge, N. J.</i>	5 School St.

Stilwell, Lewis Dayton	<i>Syracuse, N. Y.</i>	2 South College
Stimets, Bruce Negus	<i>Jersey City, N. J.</i>	14 Maple Ave.
Stirn, Albert Louis	<i>Stapleton, N. Y.</i>	19 Amity St.
Stone, George Lester	<i>Salem, Mass.</i>	25 South College
Stone, Nelson	<i>Wareham, Mass.</i>	19 North College
Stone, Raymond Worthington	<i>Brookline, Mass.</i>	23 South College
Storrs, John Tyler	<i>Ware, Mass.</i>	19 Amity St.
Stout, Robert Irving	<i>Omaha, Neb.</i>	Tyler Place
Svirsky, Max	<i>Brooklyn, N. Y.</i>	71 South Pleasant St.
Tappin, Clarence Leon	<i>Gardner, Mass.</i>	71 South Pleasant St.
Thompson, Joseph Clemengen 2d	<i>Lima, Ohio</i>	8 Spring St.
Tilden, James Addison, Jr.	<i>Hyde Park, Mass.</i>	6 South College
Urquhart, Douglas	<i>Ashfield, Mass.</i>	29 South College
Vance, Clyde Fulmer	<i>Norwood, Mass.</i>	4 South College
Voorhees, Judah Edgar	<i>Upper Montclair, N. J.</i>	8 North Prospect St.
Wadhams, Charles Hastings	<i>Pittsford, N. Y.</i>	26 South College
Walcott, Chester Lincoln	<i>Providence, R. I.</i>	18 South College
Warner, Hunt	<i>Northampton, Mass.</i>	9 North College
Wesby, Joseph Spencer	<i>Worcester, Mass.</i>	5 School St.
Wesner, Edwin s	<i>Brookline, Mass.</i>	13 North College
Westcott, Ralph Wells	<i>Oak Park, Ill.</i>	27 North College
Whitney, William Henry	<i>West Springfield, Mass.</i>	17 South College
Wilcox, Sanford Potter	<i>Grand Rapids, Mich.</i>	5 North College
Wilcox, William Joralemon	<i>Madison, Conn.</i>	16 North College
Wilder, Harry Converse	<i>Carthage, N. Y.</i>	28 North College
Williamson, Gerald Humphrey	<i>Rochester, N. Y.</i>	8 Woodside Ave.
Willits, James Elmer s	<i>Brookline, Mass.</i>	13 North College

Summary

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Summary

FELLOWS	-	-	-	-	-	-	-	-	-	4
GRADUATE STUDENT	-	-	-	-	-	-	-	-	-	1
SENIORS	-	-	-	-	-	-	-	-	-	103
JUNIORS	-	-	-	-	-	-	-	-	-	123
SOPHOMORES	-	-	-	-	-	-	-	-	-	127
FRESHMEN	-	-	-	-	-	-	-	-	-	174
TOTAL										532

CLASSIFICATION BY RESIDENCE

UNITED STATES								
New York	-	-	182	California	-	-	-	2
Massachusetts	-	-	147	Iowa	-	-	-	2
New Jersey	-	-	37	Maryland	-	-	-	2
Pennsylvania	-	-	29	New Hampshire	-	-	-	2
Illinois	-	-	21	Utah	-	-	-	2
Ohio	-	-	20	Washington	-	-	-	2
Connecticut	-	-	14	Florida	-	-	-	1
Missouri	-	-	7	Indiana	-	-	-	1
Rhode Island	-	-	7	Kentucky	-	-	-	1
Michigan	-	-	6	Tennessee	-	-	-	1
Nebraska	-	-	6	Texas	-	-	-	1
Oregon	-	-	6	West Virginia	-	-	-	1
Vermont	-	-	6					527
Maine	-	-	5	FOREIGN COUNTRIES				
Minnesota	-	-	4	Japan	-	-	-	2
Colorado	-	-	3	France	-	-	-	1
District of Columbia			3	India	-	-	-	1
Montana	-	-	3	China	-	-	-	1
Wisconsin			3					532

Award of Honors

1908-1909

COMMENCEMENT SPEAKERS

Merrill Fowler Clarke*
Ernest Lord Earle
Allen Dorset Eldred
Morris Gabriel Michaels
Christian Alban Ruckmich
Clinton White Tylee

PHI BETA KAPPA

FIRST DRAWING (Class of 1908)

Harold James Baily	William Judson Marsh
Cecil King Blanchard	Samuel Frederic Monroe
Kenneth Morrison Gibson	George Edward Rawson
William Haller	Horatio Elwin Smith
William Scribner Kimball	James Albert Sprenger
John McChesney	Stanley Lewis Wolff

SECOND DRAWING (Class of 1908)

Arthur Richards Dunbar	Robert Hayward Kennedy
Robert Hussey Flynt	Albert Jesse Lovelee
Walter Conkey Gold	Fairfax Addison Reilly
Marston Lovell Hamlin	Earl Benjamin Robinson

FIRST DRAWING (Class of 1909)

Ernest Lord Earle	George Hewit Plough
Allen Dorset Eldred	Clinton White Tylee
Morris Gabriel Michaels	

*Excused

Award of Honors

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SECOND DRAWING (Class of 1909)

Merrill Fowler Clarke	Wilbur Boardman Jones
Edwards Lynde Cleaveland	Clayton Edward Keith
Samuel Ballantine Fairbank	Stoddard Lane
David Franklin Goodnow	Christian Alban Ruckmich
Hubert Baker Goodrich	

FIRST DRAWING (Class of 1910)

Paul Adeo Fancher	Robert Cornelius Murray
Talbot Faulkner Hamlin	Eustace Joseph Seligman
Roger Arthur Johnson	

Final Honors

GREEK

Christian Alban Ruckmich

LATIN

Stoddard Lane

MODERN GOVERNMENT AND INTERNATIONAL LAW

Samuel Ballantine Fairbank
Wilbur Boardman Jones

PHILOSOPHY

Christian Alban Ruckmich
Morris Gabriel Michaels

Award of Prizes

1908-1909

HUTCHINS GREEK PRIZE—Class of 1910

Talbot Faulkner Hamlin

BERTRAM LATIN PRIZES

First Prize: Stoddard Lane, Class of 1909

Second Prize: Ernest Lord Earle, Class of 1909

JUNIOR LATIN PRIZES—Class of 1910

First Prize: George Frisbie Whicher

Second Prize: Ira Ellsworth Fenton

BILLINGS LATIN PRIZES—Class of 1911

First Prize: George Bruner Parks

Second Prize: Lewis Brigham Walker

FRESHMAN LATIN PRIZES

First Prize: George Knowles Gardner, Class of 1912

Second Prize: Charles Dawson Spalding, Class of 1912

KELLOGG PRIZES

William Francis Washburn, Class of 1911

Howard Fletcher Burns, Class of 1912

HARDY PRIZES—Class of 1909

First Prize: Morris Gabriel Michaels

Second Prize: Kenneth Reese Cunningham

Award of Prizes

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HYDE PRIZE—Class of 1909

William Gooding Hartin

BOND PRIZE—Class of 1909

Clinton White Tylee

A. C. JAMES PRIZE

Albert Francis Pierce Jr., Class of 1909

WALKER PRIZES

Second Year Mathematics

First Prize: John Humphrey Keyes, Class of 1911

Second Prize: Arthur Eugene Pattison, Jr., Class of 1911

First Year Mathematics

First Prize: George Knowles Gardner, Class of 1912

Second Prize: Leland Olds, Class of 1912

PORTER PHYSICS PRIZE—Class of 1909

Sherrill Atwood Cleaveland

SAWYER MEDAL

Clifford Bateman Ballard, Class of 1911

(Honorable Mention)

Van Buren Moody, Class of 1912

A. LYMAN WILLISTON PRIZES—Class of 1912

First Prize: Van Buren Moody

Second Prize: Ensign Earle Dickson

HAGEN PRIZE—Class of 1910

Talbot Faulkner Hamlin

George Frisbie Whicher

CLASS OF 1884 PRIZE

The Senior Class (Class of 1909)

LELAND PRIZE

The Junior Class (Class of 1910)

WOODS PRIZE—Class of 1909

Christian Alban Ruckmich

LADD ORATION PRIZES—Class of 1910

George Brinton Burnett, Jr.	John Park Henry
William Evans Clark	Murdock Norman MacInnis
Walter Dillaway Draper	Daniel Cole MacMartin
Edward Farrier	Francis Owen Sullivan
Herbert Bennett Harris	Jared Howell Van Auken

ARMSTRONG PRIZES—Class of 1912

First Prize: George Knowles Gardner*Second Prize:* Charles Dawson Spalding*Third Prize:* Arthur Bates Lyon

PORTER ADMISSION PRIZE—Class of 1913

Frederick John Heinritz

(Prepared at Holyoke High School and Williston Seminary.)

Honorable Mention

BIOLOGY

1909 Hubert Baker Goodrich

BOTANY

1909 Hubert Baker Goodrich

CHEMISTRY

1910 Roger Arthur Johnson 1910 Ollo Alson Kennedy

FRENCH

1910 William Raymond Kellogg 1912 Arthur Bates Lyon
1911 John Humphrey Keyes 1912 Fred Benjamin Millett
1911 George Bruner Parks

GEOLOGY

1909 Hubert Baker Goodrich

GERMAN

1910 Robert Cornelius Murray

GREEK

1909 Christian Alban Ruckmich 1911 George Noyes Slayton

HISTORY

1910 Robert Cornelius Murray

LATIN

1910 George Frisbie Whicher 1912 George Knowles Gardner
1911 George Bruner Parks 1912 Fred Benjamin Millett
1911 Eugene Ramey Pennock 1912 Leland Olds
1911 George Noyes Slayton
1911 George Way Williams

MATHEMATICS

- | | | | |
|------|-----------------------------|------|--------------------------|
| 1910 | Roger Arthur Johnson | 1912 | George Knowles Gardner |
| 1911 | John Humphrey Keyes | 1912 | Sargent Holbrook Wellman |
| 1911 | Arthur Eugene Pattison, Jr. | | |

MODERN GOVERNMENT

- | | | | |
|------|----------------------------|------|-----------------------|
| 1909 | Samuel Ballantine Fairbank | 1909 | Wilbur Boardman Jones |
| 1909 | David Franklin Goodnow | | |

PHILOSOPHY

- | | | | |
|------|-------------------------|------|-------------------------|
| 1909 | Morris Gabriel Michaels | 1910 | Robert Cornelius Murray |
|------|-------------------------|------|-------------------------|

PHYSICS

- | | |
|------|------------------------|
| 1912 | George Knowles Gardner |
|------|------------------------|

Degrees Conferred in 1909

Degrees in Course

Bachelor of Arts

Magna Cum Laude

Ernest Lord Earle
Allen Dorset Eldred
Wilbur Boardman Jones

Morris Gabriel Michaels
Christian Alban Ruckmich
Clinton White Tylee

Cum Laude

James Griffith Bakrow
Joseph William Ballantine
Albert Whitney Blackmer
Roscoe William Brink
Merrill Fowler Clarke
Edwards Lynde Cleaveland
Sherrill Atwood Cleaveland
Kenneth Reese Cunningham
Sheldon David Dunlap
Edward Lathrop Dyer
Samuel Ballantine Fairbank
Alfred Swift Frank
John Leon Gardner, Jr.
Fred Raymond Gilpatric
David Franklin Goodnow
Edward Nute Goodwin

Thomas Richard Hickey
Townsend Cordell Hill
Paul Lantz Kirby
Stoddard Lane
Edward DeWitt Leonard
Richmond Mayo-Smith
Francis Louis Race
Joseph Long Seybold
William Allen Sleeper
Harold Lyman Smith
Edward Heron Sudbury
Albert Otto Tritsch
Halton Eugene Underhill
William Auerbach Vollmer
Watson Wordsworth
David Sanders Wright

Rite

Irving Howard Agard
John Beecher
Mason Huntington Bigelow
Carlton Reed Blades
Alden Hooper Blanchard

William Gooding Hartin
Charles Usher Hatch
William Ely Hill
Harold Wade Hobbs
James Blaine Hunter

Edward Jenkins Bolt
 Arthur Edward Bristol
 Raymond Joseph Burby
 Asahel Bush, Jr.
 Frederic Marsena Butts
 Walter Cary
 Cyrus Augustus Case
 Francis Morrow Caughey
 Joseph Hart Caughey
 Charles Porter Chandler
 Edward Luther Chapin
 DeWitt Atkins Clark
 Daniel Joseph Coyne, Jr.
 Minot Harold Danforth
 Elliott Orman Foster
 Clayton Walter Guptil
 Cuthbert Hague
 Gordon Robert Hall
 Robert Hugh Hamilton, Jr.

Joseph Boardman Jamieson, Jr.
 Grover Cleveland Kirley
 Levon Hampartzum Kooyumjian
 Raymond DeForest Leadbetter
 George Francis Leary
 Donald Dana McKay
 Walter Raymond Main
 James Bartlett Melcher
 Percival Dole Nash
 Albert Francis Pierce, Jr.
 George Edwin Pierce
 Charles Babbidge Rayner
 Bert Nichols Smith
 Herbert Otty Smith
 Henry Stockbridge, 3d
 Arthur Hammond Van Auker
 Barrett Hanson Witherbee
 William Henry Wright
 Herbert Ashton Wyckoff

Clayton Edward Keith
 Charles Gates Mecklem

Bachelor of Science

Magna Cum Laude

Hubert Baker Goodrich

Cum Laude

Richard Mitchels Neustadt
 William Josiah Parmelee, Jr.
 Harold Ladd Smith

Rite

Raymond Nelson Brown
 Leonard Roys Clinton
 George Dowd
 Dunbar Wood Lewis

Keith Fry McVaugh
 David Raymond Mowry
 Francis Foster Powell
 Justin Burritt Smith

Degrees Conferred in 1909

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Warren Storrs Chapin B.A. as of 1907
Samuel Morton Laubham B.A. as of 1908

Master of Arts

Everett Edward Thompson B.A., 1899
Alfred John Sadler B.A., 1900
Ellery Carroll Clapp B.A., 1902
John Adams Taylor B.A., 1905
George William Porter B.A., 1906

Honorary Degrees

Doctor of Divinity

ALBERT PARKER FITCH
JOHN TIMOTHY STONE
FRANCIS ALBERT CHRISTIE

Doctor of Laws

FREDERICK WALLINGFORD WHITRIDGE
HARRY AUGUSTUS GARFIELD

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman class together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year. A candidate for admission to the course leading to a degree must offer subjects amounting in all to fourteen points.

LIST OF SUBJECTS

Biology	$\frac{1}{2}$	point
Botany	$\frac{1}{2}$	"
Chemistry	1	"
English a	2	points
b	1	point
French a	2	points
b	1	point
German a	2	points
b	1	point
Greek I	2	points
II	1	point
Harmony	1	point
History a, b, c, d	1	point each
Latin I	3	points
II	1	point

Mathematics I	2 ½ points
II	1 ½ “
b, d, f,	½ point each
Physics	1 point
Physiography	1 “
Physiology	½ “

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

GROUP I

Latin I, II
Greek I, II
Mathematics I
English a and b
History a

In addition at least one-half point shall be made from the list on page 44.

Latin I
Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics
French a or German a

In addition at least one and one-half points shall be made from the list on page 44.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for one college year.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:—

Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics

And one of the following advanced subjects:—

Mathematics II
French b
German b

And three and one-half points from the list on page 44.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

I. ELEMENTARY LATIN

- (a) i Latin Grammar
 - ii Latin Prose Composition: Translation into Latin of English passages based on Cæsar and Cicero.
- (b) Caesar: *Gallic War*, Books I-IV
- (c) Cicero: *Orations*, *Against Catiline*, *For Archias*, and *For the Manilian Law*.

II. ADVANCED LATIN

(d) Vergil: *Aeneid*, Books I-IV, and so much prosody as relates to accent, versification in general, and dactylic hexameter.

(m) Translation at sight of prose of no greater difficulty than the easier portions of Cicero's *Orations*.

(v) Translation at sight of poetry of no greater difficulty than Vergil's *Aeneid*.

GREEK

I. ELEMENTARY GREEK

- (a) i Greek Grammar
 - ii Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.

The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.

- (b) Xenophon's *Anabasis*, Books I-IV.

II. ADVANCED GREEK

(ch) Homer's *Iliad*, Books I-III (omitting Book II 494-end.) and the Homeric forms, constructions, idioms and prosody. Translation of passages of Homer at sight.

(f) Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

MATHEMATICS

I. ELEMENTARY MATHEMATICS

- (a) Elementary Algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the n th term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

(c) Plane Geometry.

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

(b) Advanced Algebra.

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

(d) Solid Geometry.

The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surface and solids.

(f) Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas.

Solutions of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra and plane trigonometry. In this statement the word certificate refers to a certificate given by a preparatory school and not to a certificate of examination by a Board.

ENGLISH

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written;

(2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *reading* and *study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student should be trained in reading aloud and encouraged to

commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(a) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1910, 1911:—*

Shakespeare's *The Merchant of Venice* and *Julius Cæsar*; Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverley Papers* in *The Spectator*; Scott's *The Lady of the Lake* and *Ivanhoe*; Irving's *Sketch Book*; Macaulay's *Lays of Ancient Rome*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; George Eliot's *Silas Marner*.

For students entering in 1912:—*

Shakespeare's *As You Like It* and *Julius Cæsar*; Franklin's *Autobiography*; Goldsmith's *The Deserted Village*; Dicken's *A Tale of Two Cities*; George Eliot's *Silas Mar-*

* The lists for the classes entering in 1910, 1911, and 1912 are selected from the lists adopted by the Conference on Uniform Entrance Requirements in English at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may present other selections from those lists provided they notify the Registrar, on or before the first day of February preceding the examination, of the substitutions they wish to make.

ner; Irving's *Sketch Book*; Scott's *The Lady of the Lake*; Byron's *Mazeppa* and *The Prisoner of Chillon*; Macaulay's *Lays of Ancient Rome*.

For students entering in 1913, 1914, 1915:—

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice*; *A Midsummer Night's Dream*; *As You Like It*; *Twelfth Night*; *Henry the Fifth*; *Julius Cæsar*.

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; either Scott's *Ivanhoe*, or Scott's *Quentin Durward*; Hawthorne's *House of the Seven Gables*; either Dickens's *David Copperfield*, or Dickens's *Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

IV. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers* in the *Spectator*; Franklin's *Auto-*

biography (condensed); Irving's *Sketch Book*, Macaulay's *Essays on Lord Clive* and *Warren Hastings*, Thackeray's *English Humourists*; *Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail*; either Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's *Inland Voyage* and *Travels with a Donkey*.

V. Palgrave's *Golden Treasury (First Series)*, *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold, Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury (First Series)*, *Book IV*, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*.

(b) STUDY.—This part of the requirement is intended as a natural and logical continuation of the student's

earlier reading with greater stress laid upon content, form and style.

For students entering in 1910, 1911:—

Shakespeare's *Macbeth*; Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1912:—

Shakespeare's *Macbeth*; Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1913, 1914, 1915:—

Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, and *Comus*; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*; Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading*; and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn

from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. These topics will involve such knowledge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected of boys and girls. In grammar and rhetoric, the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study*. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for *Study*, from the candidate's other studies, and from his personal knowledge and experiences quite apart from reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of important words, phrases, and allusions. It is not designed, however, to require in preparation minute drill in difficulties of interpretation, unimportant allusions, or technical details. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language Association of America. See page 84 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English), and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construc-

tion of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare irregular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes*; Bruno, *Le Tour de la France*; Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat*; Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris*; Foncin, *Le Pays de France*; Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon*; Legouvé and Labiche, *La Cigale chez les Fourmis*; Malot, *Sans Famille*; Mairét, *La Tâche du petit Pierre*; Mérimée, *Colomba*; extracts from Michelet; Sarcey, *Le Siège de Paris*; Verne's stories.

b. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier*; Béranger's poems; Corneille, *Le Cid* and *Horace*; Coppée's poems; Daudet, *La Belle-Nivernaise*; La Brète, *Mon Oncle et mon Curé*; Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute*; Labiche's plays; Loti, *Pêcheur d'Islande*; Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme*; Racine, *Athalie*, *Andromaque*, and *Esther*; George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière*; Scribe's plays; Thierry, *Récits des Temps Mérovingiens*;

Thiers, *L'Expédition de Bonaparte en Egypte*; Vigny, *La Canne de Jonc*; Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 83 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the form and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the

matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder*; Arnold, *Fritz auf Ferien*; Baumbach, *Die Nonna* and *Der Schwiegersohn*; Gerstäcker, *Germelshausen*; Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende*; Hillern, *Höher als die Kirche*; Jensen, *Die braune Erica*; Leander, *Träumereien* and *Kleine Geschichten*; Seidel, *Märchen*, Stökl, *Unter dem Christbaum*; Storm, *Immensee* and *Geschichten aus der Tonne*; Zschokke, *Der zerbrochene Krug*.

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen*; Elz, *Er ist nicht eifersüchtig*; Wichert, *An der Majorsecke*; Wilhelm, *Einer muss heiraten*. Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug*; then *Höher als die Kirche*, or *Immensee*; next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess*.

b. ADVANCED GERMAN

The work should comprise in addition to the elementary course, the reading of about 400 pages of moderately diffi-

cult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjunctive), and likewise in word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein*; Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit*, for example, *Karl der Grosse*, *Aus den Kreuzzügen*, *Doktor Luther*, *Aus dem Staat Friedrichs des Grossen*; Fouqué, *Undine*; Gerstäcker, *Irrfahrten*; Goethe, *Hermann und Dorothea* and *Iphigenie*; Heine's poems and *Reisebilder*; Hoffman. *Historische Erzählungen*; Lessing, *Minna von Barnhelm*; Meyer, *Gustav Adolfs Page*; Moser, *Der Bibliothekar*; Riehl, *Novellen*, for example, *Burg Neideck*, *Der Fluch der Schönheit*, *Der stumme Ratsherr*, *Das Spielmannskind*; Rosegger, *Waldheimat*; Schiller, *Der Neffe als Onkel*, *Der Geisterseher*, *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Das Lied von der Glocke*, *Balladen*; Scheffel, *Der Trompeter von Säckingen*; Uhland's poems; Wildenbruch, *Das edle Blut*. A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher*; (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

(a) Ancient History, including the history of Greece to

the death of Alexander and the history of Rome to 814 A. D.

(b) Mediæval and Modern History, from 814 to the present time.

(c) English History.

(d) American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate applies for admission, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for

observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text Book in General Physiology and Anatomy*.

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoology in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present a labo-

ratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations* and *Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music,—scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September. On recommendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years, or between June and September of the same year. The preliminary examination will

cover the whole of each subject designated by a small letter; for example Mathematics a, Latin c, which may not be divided between the preliminary and final examination. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects; Homer, Vergil, Greek and Latin prose composition, Algebra or Geometry, and English b.

EXAMINATIONS IN JUNE

After 1910 the entrance examinations in June are those of the College Entrance Examination Board, in which Amherst College holds membership.* All applications for such examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all information regarding these examinations may be obtained. These examinations are conducted annually at many places in the United States and Canada, including Amherst.

In June, 1910, the entrance examinations of the College Entrance Examination Board will be held June 20-25, 1910.

All applications for examination must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis, and other points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 4, 1910; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examinations, that is, on or before Monday, May 30, 1910; and applications for examination outside of the

*In June 1910 the entrance examinations of the College Entrance Examination Board and of the College will be given simultaneously. For the latter, the fee is the same as for examinations in September.

United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 16, 1910.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of \$5.00 in addition to the usual fee.

The examination fee is \$5.00 for all candidates examined at points in the United States and Canada and \$15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1910 will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the college in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the College, at Amherst. These examinations are held in Room 5, Walker Hall, on Friday, Saturday, Monday, Tuesday, and Wednesday, September 16-21, 1910.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in college. All candidates should present themselves promptly at the hour assigned for registration.

The order of examinations in September is as follows:

FRIDAY

9 A.M.	Registration	1.30 P.M.	Greek I
10 A.M.	Biology		Chemistry
	Physiology	3.30 P.M.	Greek II
	Botany		Physics
	Harmony		
	Physiography		

SATURDAY

8 A.M.	Mathematics a	1.30 P.M.	Latin I
	Mathematics b	3.30 P.M.	Latin II

MONDAY

8 A.M.	Mathematics c	1.30 P.M.	English a
	Mathematics d		English b
10 A.M.	Mathematics f		

TUESDAY

8 A.M.	French a	1.30 P.M.	French b
10 A.M.	German a	3.30 P.M.	German b

WEDNESDAY

8 A.M.	History a
	History b
	History c
	History d

For Porter Admission Prize see page 132.

Candidates are also admitted upon presentation of certificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place

of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate will be accepted for work in solid geometry, advanced algebra, and plane trigonometry. Beginning in June, 1910, no certificate will be accepted for work in French and German. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examination.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of New England which have been approved by this college. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Faculty.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Greek, in addition to their requirements, an examination must be taken upon the fourth book of the *Anabasis*, and the translation of Greek at sight, and that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 49.

Certificates of the New York State Examinations Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but no student is allowed to remain in College over two years with an entrance condition. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to College. A student from another college should present a letter of honorable dismissal, together with a detailed, certified statement of the work done by him in each department of study at the college from which he comes. Credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin

or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For special examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2, which are four-hour courses. In the numbering of courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester of Freshman, Sophomore, and Junior years. During Senior year ten semester courses must be taken, one of which may be Debates, and at least four of the ten courses shall be completed in the last semester. No student is allowed to take more than six courses in a semester. For courses open to the several classes, see page 97.

Candidates for the degree of Bachelor of Science shall complete second year German, and second year French, Italian, or Spanish, and, in addition to the studies of Freshman year, thirty semester courses, twelve of which are to be chosen from sciences, mathematics, or economics. Sciences taken in Freshman year are included in the twelve courses. Not more than two courses in economics may be reckoned in the twelve courses.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

The requirement of ten semester courses instead of nine in Senior year, and of forty courses instead of thirty-nine for graduation, goes into effect with the class of 1911.

STUDIES OF FRESHMAN YEAR

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission both Latin and Greek, are required to study those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, elementary and advanced, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they must choose in addition one study from the list of Freshman electives given below.

Those who present for admission only one ancient language, Latin I and II or Greek I and II, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives given below.

Candidates for the degree of B.S. who are not credited with Latin II or Greek II are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives; but those who have presented both Latin I and II may become candidates for the degree of B.A. by taking the Latin of Freshman year, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed both Latin I and II.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

FRESHMAN ELECTIVES

French 1-2, 3-4, 5-6	Chemistry 1-2
German 1-2, 3-4, 5-6	Mathematics 11
Italian 1-2	Physiology 2
Spanish 1-2	English 4
Biology 1-2	Physiology 2

Those who have Freshman Greek may choose Greek 2 or 4 the second semester.

STUDIES OF SOPHOMORE, JUNIOR AND SENIOR YEARS

All courses after Freshman year are elective except declamation in Sophomore year. Choices are made for the semester and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the fourth week of the semester.

Choice of electives for the first semester must be made on or before the Tuesday preceding the beginning of the college year, and for the second semester, on or before the Saturday preceding the beginning of the final examinations of the first semester. When choices are made by the specified time, and also when electives are changed, a fee of two dollars is imposed.

STUDIES OF SPECIAL STUDENTS

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared except such subjects as they have already taken. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

EXTRA COURSES

A student who has an average of not less than 70 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department.

PHILOSOPHY

PROFESSOR TOLL

1. Psychology.

The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.

2. Experimental psychology (elementary laboratory course).

Lectures, demonstrations, laboratory work, and collateral reading.

(Course 1 requisite.)

4. Advanced psychology.

A detailed study of some of the problems and theories of modern psychology.

(Course 1 requisite.)

PROFESSOR NEWLIN

6. Introduction to philosophy.

A study of the fundamental problems of metaphysics and ethics, and their bearing on sociology.

(Course 1 requisite.)

7. Philosophy.

A study of political ethics with special reference to its bearing on social problems; aesthetics; philosophy of religion.

(Course 6 requisite.)

8. Social ethics (seminar).

A study of philosophical principles in their application to the modern problems of philanthropy, industry, and social life.

Instructor's approval requisite to election of this course.

(Course 7 requisite.)

PROFESSORS NEWLIN AND TOLL

9. History of ancient philosophy. (*Omitted in 1909-1910.*)

Lectures, readings and discussions.

(Course 6 requisite.)

10. History of modern philosophy.
Lectures, readings and discussions.

(Course 6 requisite.)

HISTORY

MR. HALL

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades; and other characteristic phenomena of the period.

2. The later Middle Ages; the development of Nationalities; the Culture and Church of the Middle Ages; the Italian Cities; the Renaissance and the Protestant Revolt.

PROFESSOR GALLINGER

- 3, 4. The general history of England, with emphasis on the modern period.

- 5, 6. The Colonial Era of American history, 1492-1763.

- 7, 8. The Renaissance. (*Omitted in 1909-1910.*)

This course includes the development of the European states, and particularly of the principal Italian states, from 1300 to 1500, the revival of learning, literature, and art, the growth of industry and commerce and the geographical expansion of Europe.

Courses 3 and 4 are given alternate years with 7 and 8.

PROFESSOR F. L. THOMPSON

9. European history from the Peace of Westphalia to the beginning of the French revolution, 1648-1789.

10. European history, 1789-1870.

11. Political and constitutional history of the United States to the election of Jackson, 1765-1828.

12. Political and constitutional history of the United States since the election of Jackson

ECONOMICS

PROFESSORS CROOK AND HANCOCK

1. Outlines of Economics. Ely's *Outlines of Economics*; John Stuart Mill's *Principles of Political Economy*.

PROFESSOR CROOK

2. Socialism and Social Problems. Spargo's *Socialism*; the writings of the four groups of social reformers, the Utopists, the Moral and Ethical group, the Socialist group, and the Fabians. (*Omitted in 1909-1910.*)

PROFESSOR HANCOCK

4. Transportation. History and analysis of the transportation problem in the United States. (*Omitted in 1909-1910.*)

6. Public Finance. The principles of public revenues and expenditures, with special emphasis on the problems of taxation.

PROFESSOR CROOK

8. Labor Problems, including trades-unionism and the wage question. Adams and Sumner's *Labor Problems*.

PROFESSOR HANCOCK

10. Corporations and Trusts. A study of the principles of corporation finance, followed by a consideration of the trust problem in the United States.

11. Industrial Evolution and Economic History of England. A study of the evolution of industrial society as illustrated by the history of economic life in England.
12. Economic History of the United States.

PROFESSOR CROOK

13. Sociology. Dealey's *Sociology*; Ross's *Social Psychology*; selected readings.

PROFESSOR HANCOCK

15. Money and Banking.

PROFESSOR CROOK

17. Advanced Economic Theory. Assigned readings in the English Classical Economists, and the works of the Austrian, Italian, and American writers.

18. Advanced Economic Theory. Course 17 continued.

Courses 1, 11, and 12 are open to all Juniors and Seniors; courses 2, 4, 6, 8 and 10 are open to Juniors and Seniors who have had Economics 1; and courses 13, 15, 17, and 18 are open only to Seniors who have had Economics 1.

The department conducts a seminar course once each week during the winter months, to which those are admitted who have attained high standing in Economics 1.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India, and Australia.

(2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of peoples is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each semester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History*. Wilson's *The State*. Lawrence's *International Law*.

BIBLICAL LITERATURE

PROFESSOR GENUNG

1. Foundations; the formative centuries, to the time of the literary prophets.

2. Prophecy and other literature to the Babylonian exile.

3. Post-exilic literature; coming of the Son of Man.

4. Literature of the apostolic era.

GREEK

PROFESSOR ELWELL

A. Course for students beginning Greek. *Anabasis*, *Iliad*, and prose composition; four hours a week through the year.

This course is given to three or more students, on application.

1. Homer, *Odyssey*.

2. Lysias.

PROFESSOR SMITH

3. Greek drama. Sophocles, *Antigone*; Euripides, *Troades*; selected dramas; lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.

4. Plato, *Apology* and *Crito*; Xenophon, *Memorabilia*; lectures and reading on the life and influence of Socrates.

5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology.

6. Lucian; selections: the Greek romance.

7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius Rhodius, *Argonautica III*; lectures and reports on the history and criticism of the Homeric poems. (*Omitted in 1909-1910.*)

8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation. (*Omitted in 1909-1910.*)

Courses 5, 6 are given alternate years with 7, 8.

PROFESSOR ELWELL

9. The New Testament, the Acts of the Apostles.

10. The Greek Historians: 1909-10, Herodotus; 1910-

11, Thucydides.

PROFESSOR SMITH

12. Greek Literature; Drama; lectures; study of selected works in an English translation, with reports on special topics.

Knowledge of the Greek language is not required.

LATIN

DR. HOUGHTON AND DR. CHAMBERLAYNE

1. Cicero, *De Senectute*, or *De Amicitia*; collateral reading on the life and times of Cicero. Livy, selections from Books I, XXI and XXII; lectures on Rome and Carthage; collateral reading on the Punic wars; sight reading; prose composition.

2. Horace, selections from the *Odes* and *Satires*; study of the Horatian metres; collateral reading on Horace as a lyric poet.

PROFESSOR COWLES

3. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

4. Selections from Cicero's *Letters*. Selections from Catullus and other Roman poets. History of Latin literature.

5. The Latin drama; a tragedy of Seneca and two comedies of Plautus or Terence, with lectures on the Roman theatre, the origin and development of the Latin drama and its influence on later writers. In the tragedy, especial attention will be given to the dramatic form, character-drawing, diction and style; in the comedies, to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and to the student of Roman life.

6. The works of Vergil with especial reference to their literary qualities, and the poet's influence on subsequent literature; or, Roman Satire, Horace, Persius and Juvénal.

DR. HOUGHTON

7. Tacitus, selections from the *Histories*; lectures on classical historiography.

8. Lucretius, selections from *De Rerum Natura*; study of the philosophical, ethical, and poetical elements of the poem.

DR. CHAMBERLAYNE

9. Roman Satire: Horace, Persius, Juvenal, selected epigrams of Martial; *Cena Trimalchionis* of Petronius; lectures.

10. Life and works of Ovid, with special attention to the *Metamorphoses*; lectures on Mythology.

PROFESSOR COWLES, DR. HOUGHTON, AND DR. CHAMBERLAYNE

12. Course for students intending to teach Latin; Cæsar, Cicero, and advanced prose composition.

GERMAN

PROFESSORS EASTMAN AND MANTHEY-ZORN

1. Elementary course; grammar, pronunciation, composition colloquial exercises.

2. Continuation of 1; composition, syntax, translation from prose selections.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller and Goethe; a representative work of each author; composition and free reproduction.

5. The German drama of the nineteenth century; Grillparzer, Hebbel; lectures and essays.

6. Goethe, *Faust*; lectures on the history of the Faust legend; Goethe's life; essays.

PROFESSOR EASTMAN

- 7, 8. The German novel of the nineteenth century.
Open to students of high rank.

PROFESSOR MANTHEY-ZORN

9. Modern German Drama. (*Omitted in 1909-1910.*)
10. German lyrics of the nineteenth century. (*Omitted in 1909-1910.*)
Open to students of high rank.
Courses 7, 8 are given alternate years with 9, 10.

PROFESSOR EASTMAN

11. Middle High German; grammar; reading of selections from the *Nibelungenlied*.
12. Middle High German; Walther von der Vogelweide and other Minnesingers.
(Two semesters in addition to 5 and 6 requisite.)

ROMANCE LANGUAGES

FRENCH

PROFESSORS BAXTER, LANCASTER, GALPIN AND STOWELL

- 1, 2. Elementary course: pronunciation, grammar (composition), translation.
3, 4. Advanced course: rapid reading, syntax, composition and conversation.

PROFESSOR LANCASTER

5. Tragedy.
6. Molière's comedies.

PROFESSOR GALPIN

- 7, 8. The Novel.
(5 and 6 requisite).

PROFESSORS LANCASTER AND STOWELL

9. Drama of the eighteenth and nineteenth centuries.

10. Essayists and letter-writers.

(5, 6, 7, and 8 requisite.)

11, 12. Old French.

Given on application of three or more students who have completed 9, 10.

ITALIAN

PROFESSOR BAXTER

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnuevo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi*.

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian).

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Courses 5, 6 are given alternate years with 3, 4.

SPANISH

PROFESSORS GALPIN AND STOWELL

1, 2. Pronunciation, grammar, translation, conversation.

PROFESSOR GALPIN

3. The modern novel. (*Omitted in 1909-1910.*)

A reading knowledge of French is required.

4. The novel of the sixteenth and seventeenth centuries; reading of *Lazarillo de Tormes* and selections from *Don Quijote*. (*Omitted in 1909-1910.*)

Amherst College

5, 6. The drama.

Courses 5, 6 are given alternate years with 3, 4.

ENGLISH

PROFESSORS CHURCHILL, UTTER AND HAMILTON,
AND MR. ANDREWS

1. Composition; exposition; themes and conferences; reading in standard authors.
2. Continuation of 1; description and narration.

PROFESSOR HAMILTON AND MR. ANDREWS

4. American Literature.

PROFESSOR UTTER

5. General introduction to English literature, 1798-1900; themes and conferences.
6. Continuation of 5.

PROFESSORS GENUNG AND HAMILTON

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.
8. Continuation of 7; the Victorian poets.

PROFESSOR CHURCHILL

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations. (*Omitted in 1909-1910*)

10. The English Drama; rise and development; works of the predecessors of Shakespeare; the dramatic art of Shakespeare. (*Omitted in 1909-1910.*)

11. The English Drama; rise and development; the predecessors of Shakespeare; Shakespeare.

12. Continuation of 11.

PROFESSOR UTTER

13. The English Novel; its form and development; themes and conferences.
14. Continuation of 13.

PROFESSOR HAMILTON

15. Elizabethan non-dramatic literature, 1557-1604.
16. English literature, 1604-1700.

PROFESSOR UTTER

17. Advanced composition.
Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.
18. Continuation of 17.

PROFESSOR CHURCHILL

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.
20. Continuation of 19.

For English 19 and 20, two courses chosen from 9 to 16 are requisite as precedent or parallel courses.

21. Old English (Anglo-Saxon). Cook-Sievers's *Grammar of Old English*; Sweet's *Anglo-Saxon Primer*; Bright's *Anglo-Saxon Reader*; *Beowulf*; lectures on the origin and development of Old English.

22. Old English Poetry; *Beowulf* continued; Middle English, especially Chaucer; *Prologue to the Canterbury Tales*; lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer*.

23. Old English Literature. (*Omitted in 1909-1910.*)

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

24. Middle English Literature. (*Omitted in 1909-1910.*)

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman*, the Arthurian tales, the Mystery plays, Chaucer. Knowledge of Middle English is not required.

PUBLIC SPEAKING

PROFESSOR CORSA

2. Oral interpretation; declamations, one-hour course individual training.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

7. Debates on social, economic, historical, and political questions.

This is a one-hour course continuing till the end of the first semester. Any elective course may be taken in place of debates the first semester of Senior year with credit of a one-hour course. All students electing course 7 who have not previously taken course 5 must enter the course on or before October 1.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ART

PROFESSOR SMITH

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lec-

tures illustrated by photographs, casts, and lantern slides. Collateral reading, with reports on assigned topics. (*Omitted in 1909-1910.*)

PROFESSOR BAXTER

2. Roman and Italian Art. (a) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (b) Italian sculpture; five lectures. (c) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work.

(1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work.

(1, 2 requisite.)

Pianos and a large Æolian Orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

MATHEMATICS

PROFESSORS OLDS AND ESTY, MR. PARKER AND MR. COBB

1. Solid and spherical geometry; plane trigonometry.
2. Trigonometry continued; advanced algebra, including an introduction to the simplest methods of analytical geometry and the calculus.
3. Plane analytical geometry.
4. Differential and Integral Calculus.
5. Calculus continued, and introduction to analytical geometry of three dimensions.
6. Analytic mechanics; vector methods introduced.
7. Differential equations, ordinary and partial, with their applications; vector methods continued.
8. Advanced analytic geometry and advanced integral calculus.
10. Introduction to the theory of functions. (*Omitted in 1909-1910.*)

Course 10 is given alternate years with Course 8.

Designed primarily for students who are preparing to enter schools of technology or to teach.

11. Descriptive geometry.
12. Descriptive geometry; continuation of 11. (*Omitted in 1909-1910.*)
14. Mechanical drawing.
(Course 11 requisite.)
Course 14 is given alternate years with Course 12.

PHYSICS

PROFESSORS KIMBALL AND J. O. THOMPSON AND MR. WESTHAFFER

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

3. A course in electric and magnetic measurements and in heat.

(1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Some problems in optics; electromagnetic theory of light and electric waves; discharge of electricity through gases; radioactivity.

(Mathematics 5 and 6 requisite.)

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity.

(Mathematics 5 and 6 requisite.)

ASTRONOMY AND NAVIGATION

PROFESSOR TODD

1. General and descriptive astronomy and astrophysics. Todd's *New Astronomy*; lectures upon the history of geodesy and astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time.

(Physics 2 requisite.)

2. Practical astronomy and astrophysics (Campbell, Souchon); *Theoretical Astronomy* (Watson); *Investigation of the orbit of Uranus*; observatory work with equatorial, transit, and spectroscope.

(Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

This course includes the theory of the construction, adjustment, and use of the instruments of the observatory, and each student makes observations, and completely calculates,

or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation: instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2 and Astronomy 1 requisite.)

CHEMISTRY

PROFESSORS HOPKINS, HALL, AND DOUGHTY

1. Fundamental laws. The non-metallic elements and their compounds.

2. The metallic elements and their compounds.

PROFESSOR DOUGHTY

3. Qualitative Analysis. Reactions and detection of the common metals and acids.

(1, 2 requisite.)

4. Organic chemistry. An introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.

(1, 2 and 3 requisite.)

PROFESSOR HALL

5. Quantitative analysis, chiefly laboratory work in gravimetric and volumetric analysis.

(1, 2 and 3 requisite.)

6. Quantitative analysis; a continuation of 5.

7. Elementary physical chemistry. The topics considered in this course include the following: Determination of atomic weights, relations between atomic weights and

properties, simple gas laws, relations between gases and liquids, osmotic pressure and gas pressure, determination of molecular weights of gaseous and dissolved substances, thermochemical change, electrolytic dissociation, chemical equilibrium, phase rule.

(Physics 1, 2 and Chemistry 1, 2, 3 requisite.)

PROFESSOR DOUGHTY

8. Organic or inorganic preparations. Laboratory work and assigned reading. Hours by appointment. A minimum of two three-hour periods in the laboratory per week, or the equivalent, will be required. Substances will be prepared illustrating various methods of manipulation, and in general, involving more difficult methods of preparation than those prepared in course 4.

(Chemistry 1, 2, 3 and 4 requisite for organic preparations. Chemistry 1, 2, 3, and 4, 5 or 7 requisite for inorganic preparations.)

Every course in chemistry includes lectures, recitations, and laboratory work—except as indicated in 5, 6, and 8.

MINERALOGY AND GEOLOGY

PROFESSOR EMERSON AND MR. KIMBALL

1. Structural and dynamical geology as illustrated by the region around Amherst. Six excursions required, generally on Saturday afternoons. Chamberlain and Salisbury, *College Geology*.

(Physics 1, 2 and Chemistry 1, 2 requisite.)

2. Historical geology, palæontology, physiography.

(1 requisite, Biology 1, 2 desirable.)

3. Field and laboratory work. Survey of an area of glacial and post-glacial beds, followed by descriptive mineralogy and determination of minerals (Moses and Parson's *Mineralogy*).

(Geology 1, 2 requisite.)

4. Survey of an area of Triassic or Crystalline rocks.
- 5, 6. Crystallography; blow-pipe analysis, petrography.
- 7, 8. Invertebrate paleontology

(Physics 1, 2 and Chemistry 1, 2 requisite.)

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS HITCHCOCK AND PHILLIPS

1. Personal hygiene; lectures on fundamental laws affecting health. (One-hour course.) Pyle's *Personal Hygiene*, or Hough and Sedgwick's *Elements of Hygiene and Sanitation*.

2. Human physiology. Hough and Sedgwick's *The Human Mechanism*.

Except in Senior year, physical exercise in the form of athletics, gymnastics, or aquatics is required three times a week the first and second terms.

BIOLOGY

PROFESSORS TYLER AND LOOMIS, AND MR. GOODRICH

1. Systematic and economic zoölogy of the invertebrates.

2. Systematic and economic zoölogy of the vertebrates.

3. Evolution of the animal kingdom.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structure and affinities of the great divisions of the animal kingdom are investigated.

4. Distribution and development of vertebrates.

(3 requisite.)

5. Prehistoric man.

(3 requisite.)

6. Comparative anatomy of vertebrates.
(3 requisite.)
7. Biological problems and vertebrate embryology.
(3 requisite.)
8. Biology special. Open only to students approved by the department.

BOTANY

MR. GOODALE

1. Evolution of the plant kingdom.
The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants. Field work is required during the latter part of the semester.
2. Detailed study of the structure and physiology of the Spermatophytes, or seed plants.
During the last eight weeks a course in field-work is offered, in place of laboratory work, to those whose rank is high.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and pays the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is the Right Honorable James Bryce, British Ambassador to the United States.

Lists of Studies

FRESHMAN YEAR

ALL candidates for a degree take English 1, 2; Mathematics 1, 2; Hygiene 1 (1 hour), Public Speaking 2 (1 hour). Candidates who have entered;

B.A. Group* 1, take also Greek and Latin, and choose one study from the list given below;

B.A. Groups 2 and 3, take also Greek or Latin and a modern language, and choose one study from the list given below;

B.S., take also two modern languages, and choose one study from the list given below.

Candidates who have been accepted in Mathematics II (Solid Geometry, Advanced Algebra, and Trigonometry) at entrance, choose two studies from the list given below. Candidates for the degree of B.S. who have presented Latin I and II may become candidates for the degree of B.A. by taking the Latin of Freshman year.

ELECTIVES, FRESHMAN YEAR

First Semester

French 1, 3, or 5
German 1, 3, or 5
Mathematics 11
Chemistry 1
Biology 1

Second Semester

French 2, 4, or 6
German 2, 4, or 6
Chemistry 2
Biology 2
English 4
Physiology 2

*For definition of groups see page 45.

LIST OF ELECTIVES

Each student elects five courses Sophomore, Junior, and the first semester of Senior year, and four courses the second semester of Senior year.

	SOPHOMORE YEAR	JUNIOR YEAR	SENIOR YEAR
Art.....		1-2	
Astronomy.....			1 to 4
Biblical Literature.....		1-2	3-4
Biology.....	3-4	5-6	
Botany.....	1-2		
Chemistry.....	1 to 4	5 to 8	
Economics.....		1-2, 4, 6, 11, 12	13, 15, 17-18
English.....	1 to 8,	9 to 16, 21 to 24	17-20
French.....	1 to 6	7-8	9-10, 11-12
Geology.....		1-2	3 to 8
German.....	1 to 6	7 to 10	11-12
Greek.....	A, 1 to 4	5 to 12	
History.....	1-2	3 to 10	11-12
Italian.....	1-2	3 to 6	
Latin.....	1 to 4	5-6	7-8, 9-10, 12
Mathematics.....	1-2, 3-4, 11	5-6, 8, 12, 14	7-8, 10
Modern Gov't.....		2	3-4
Music.....	1-2	3-4	
Philosophy.....		1-2, 4, 6	7 to 10
Physics.....	1 to 4	5-6	
Physiology.....	2		
Public Speaking.....	3 (req.)	5	7
Spanish.....	1-2	3 to 6 and any preced- ing courses	and any pre- ceding courses

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held, foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English literature, to form correct literary opinions, and to pro-

mote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

HISTORY CLUB

The History Club is an association of students who are especially interested in history and meet fortnightly for the study of some subject not included in the regular courses.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. Some of the works studied, thus far, are Mendelssohn's *St. Paul*, *Hymn of Praise*, *Hear my Prayer* and *Elijah*, Händel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about ninety-five thousand volumes. The funds available for the increase of the library yield an annual income of about six thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8.30 A.M. to 9.30 P.M. every day except Sundays and holidays. During vacations the library and reading-room are open five hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather D.D., in recognition of the fact that it was brought together solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from 2 to 3 P.M. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B.C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

The chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory for students in general chemistry, and a laboratory ar-

ranged for organic and sanitary work, with a combustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The physical laboratory has on the main floor a large lecture room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscopy room equipped with a powerful concave-grating spectroscopy. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological and geological laboratories occupy a large building recently erected on the south side of the campus. On the first floor is the biological museum, and on the second floor the geological and mineralogical museum. There are large lecture rooms, laboratories and working rooms on both floors and in the basement.

The geological museum comprises the Wood's cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts and Connecticut, and the Shepard Meteorite collection.

In the basement is the ichnological collection, named

after President Hitchcock, containing about fourteen hundred tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farnham LL.D., are in the biological museum.

Appleton Cabinet contains the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware by whose liberality it was established. Large and valuable collections have recently been added by the gifts of Alumni.

The collections are open to the public every week-day from 3 to 4 P. M.

THE OBSERVATORY

The new Observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor, the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, mod-

ern government, English and mathematics, and the offices of the President, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin, Greek, and English lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building, was the first college gymnasium in this country, erected in 1859, and named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms and is occupied by the departments of modern languages, and by the German and Romance Clubs.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D., of the class of 1849, is the College Dining Hall, and accommodates three hundred students.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, five lecture-rooms, and a small hall.

THE COLLEGE CHURCH

The College Church, the gift of William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is

in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the Professors of hygiene, and rooms containing anthropometric apparatus for the measurement and examination of students. The two physicians of the College are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing room and handball court. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8.45 A.M. to 6 P.M. and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with an elevated area for

spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for outdoor recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at the rink-side provides for the comfort of skaters and spectators.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the

donors. The College physicians have general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to one of the College physicians. The cost to each patient is only a charge sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hallways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the

rooms by capable janitors. Light is charged on bills rendered each term.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter on the first of October, and the balance at the opening of the second semester.

Dormitory rooms may be rented only for the entire academic year. Applicants who are rejected at the June examination will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

The prices of dormitory rooms are as follows:

- \$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.
- \$60, North College, Nos. B, E; South College, 11, C.
- \$65, South College B.
- \$80, South College, No. 14.

\$85. North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

\$90. North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32.

\$95. South College, Nos. 18, 19, 25, 28.

\$100. North College, Nos. 2, 17; South College, Nos. 2, 17.

\$110. North College, Nos. 13, 30; South College, No. 13.

\$115. North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

\$120. North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

\$125. South College, Nos. 22, 23, 26, 27.

\$135. North College, Nos. 6, 21; South College, Nos. 6, 21.

\$175. Suite 14, 14A and 14B.

\$185. Suite 10, 10A and 10B.

(10 B at \$45 may be rented with 11 as a suite at \$105. 14 B at \$45 may be rented with 15 as a suite at \$100.)

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term-time divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

Not more than five absences are allowed from the classroom exercises of every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences is limited to one tenth of the total number of exercises. Three tardy marks count as one absence. Absences from recitation and chapel in the twenty-four hours preceding and following recesses count double.

As soon as a student exceeds the allowed number of absences in any course he is reported to the Administration Committee and placed on probation, and unless excused by the Committee his mark in that course is reduced by five one-hundredths for each absence in excess of the allowance. If after having been placed on probation he

is absent again without a satisfactory excuse, he is excluded from the course.

A student whose absences in excess of the allowance in any course are excused by the Administration Committee, on account of sickness or for any other reason, must make up the work to the satisfaction of the instructor before he can be admitted to the final examination.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course or in French or German of Freshman year, may take a second examination at the time of the regular entrance examination in that subject at the beginning of the next college year. A student who has failed in mathematics, Latin or Greek the first semester of Freshman year, may take a second examination at the beginning of the Spring term. A student who has failed in English the first semester of Freshman year may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the second semester may take a second examination. Special semester examinations are granted only

by vote of the Administration Committee, and in such cases a fee of three dollars is charged for each subject. No student may anticipate a final examination.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in a subsequent semester.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

No student whose average is less than 70, or who has failed in any course in the previous semester, may elect a sixth course, without the consent of the Administration Committee.

When a student in any semester fails to pass more than two of the five subjects required, or when the total number of his delinquencies is six, he is dropped from college, unless exception is made by the Administration Committee.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from one of the College physicians.

No student is allowed to remain in College more than two years with an entrance condition.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Registrar is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

The following regulations are not intended to apply to games or exhibitions between classes or fraternities of the College.

FOR STUDENTS IN GENERAL

No student whose work is incomplete in more than one course is allowed to take part in any public game, exhibition, or entertainment given by any club, association, or team of students, or to occupy the position of manager or assistant manager.

The privilege of connection with any club, association, or team of students is at once withdrawn for the remainder of the semester in the case of any student who is reported to the Administration Committee as failing in three courses.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission of the Committee on Athletics.

Every student before entering any athletic competition is required to have a certificate of physical fitness from the Department of Physical Education.

FOR FRESHMEN

The First Semester.—A Freshman who has an entrance condition is not allowed to take part in any public game, exhibition or entertainment given by any club, association or team of students.

The Second Semester.—A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, is not allowed to take part in any public game, exhibition or entertainment given by any club, association, or team of students. (These rules do not apply to a Freshman football or baseball team.)

A Freshman who has more than one incomplete semester course is not eligible to the Freshman baseball team.

FOR SPECIAL STUDENTS

Special students are not allowed to take part in any public game, exhibition or entertainment given by any club, association, or team of students during the first year.

FOR MANAGERS AND CAPTAINS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions other than

athletic, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

Any club, team, or association of students proposing to have one or more athletic games or contests must submit their schedule to the Athletic Board before making any contracts or engagements, and no engagements shall be made without the approval of that Board.

Captains of athletic teams are required to see that each candidate for the team has a certificate of physical fitness from the Department of Physical Education before entering upon active training.

FOR EDITORS OF COLLEGE PUBLICATIONS

No student whose work is incomplete in more than one course is allowed to be an editor of a college publication.

No Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, is allowed to be an editor of a college publication.

TERM BILLS, BOND AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and ten dollars for the year. [Beginning with the class which entered in 1909, the annual charge is one hundred and forty dollars, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.] A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College. Pay-

ment of tuition is required in advance at the beginning of each semester.

Each member of the Senior class is required to pay a graduation fee of six dollars.

LABORATORY FEES

Physics	{ First year, each semester	\$5.00
	{ Second and third years, each semester	7.00
Biology	{ First year, each semester	5.00
	{ Second and third years, each semester	8.00
Chemistry	{ First year, first semester	5.00
	{ First year, second semester	4.00
	{ Second, third, and fourth years, each semester, except course 7	10.00
	{ Course 7	2.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for break-age must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition*	\$110	\$110	\$110
Room (one half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	\$309	\$380	\$456

The dormitories accommodate about one hundred and twenty-five students, and the fraternity houses about two

*Beginning with the class which entered in 1909, the annual charge will be \$140.

hundred and fifty. At the College Commons in Hitchcock Hall board is furnished at cost. Rooms can be rented at moderate rates in private houses. Board is also furnished at various places in the town, at prices from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

PHYSICAL CULTURE

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of all the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain and increase his health and strength.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and

before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed gymnastic training pursued in the College for half a century have been eminently satisfactory. While hygienists affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse is found to be the case with students here. From statistics systematically kept for more than thirty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class best of all. Moreover, this average is shown to come from improvement in the physical condition of the individual student, and not from absence of those who drop out of the course because physically too weak to complete it.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Faculty appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser whenever he feels the need, on any subject related to his college life.

Degrees

DEGREE OF BACHELOR OF ARTS

Candidates for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses (instead of twenty-nine as heretofore), four of which shall be completed in the last semester of the course. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

The requirement of thirty semester courses after Freshman year goes into effect with the class of 1911.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses (instead of twenty-nine as heretofore), four of which shall be completed in the last semester of the course. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve

courses required. They shall complete also the second year of German and the second year of a Romance language. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B.A. degree.

The requirement of thirty semester courses after Freshman year goes into effect with the class of 1911.

A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman year.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, besides required work in declamation and hygiene, in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given at the beginning of the second year. On completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Arts of Amherst College who have spent a year in residence at the College, pursuing a systematic course of liberal non-professional study, approved by the Committee on Degrees. Proficiency will be tested by examination or by examination and thesis, as may be determined by the professors under whose direction studies are pursued.

The degree is conferred upon Bachelors of Arts of this College who have been one year in residence at another college and have fulfilled the requirements indicated in the preceding paragraph.

The degree is conferred upon Bachelors of Arts of this College, not in residence at the College, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved by the Committee on Degrees. Proficiency will be tested by examination or by examination and thesis on a subject approved by the Faculty.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts may apply the remainder of the year to studies leading to the degree of Master of Arts and finish their studies in non-residence the following year, receiving the degree one year after graduation.

Every resident candidate shall register his name and subjects of study with the Registrar not later than October 1.

Every non-resident candidate shall register his name and subjects with the Registrar not later than October 1 preceding the Commencement when the degree is conferred.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year, and applies the remainder of the year to studies leading to the Master's degree, shall register his name and subjects not later than December 1.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor John F. Genung, Chairman of the Committee on Degrees.

SPECIAL COURSE

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, unless they have taken any of those studies already. Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually under conditions determined by the Faculty to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892 and has been held by Prof. Arthur H. Pierce, Ph.D., of the class of 1888, from 1893 to 1900, and by Frank Otis Reed, Ph.D., of the class of 1899, from 1900 to 1907. The present incumbent is Preserved Smith, Ph.D. of the class of 1901.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote graduate study in the department of physical education. Its ob-

ject is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

FROM the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 88 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of Senior year have attained a general standing of 85 or more are, on recommendation of the Faculty, elected members of the society.

President: PROFESSOR GEORGE D. OLDS, LL.D.

Corresponding Secretary: PROFESSOR LEVI H. ELWELL, M.A.

Recording Secretary: MR. ROBERT C. MURRAY, '10.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:—

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3-4, 5-6, 7-8 or 9-10 may be reckoned as two of the last four courses. In Botany a year of Biology is required in addition to the special requirements in Botany. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; a standing of not less than seventy-five in every study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by a thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

Honorable mention in Physiology is given to any student who, in addition to the special requirements in that subject, has completed during the year one semester of Biology, and has maintained an average of 93 in the two subjects.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

The following prizes are offered annually for proficiency in the work of several departments of collegiate study:—

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prizes, two of fifty dollars each, given by the late John Bertram of Salem. For the year 1909-1910 one prize will be awarded to that Senior who, together with attaining a high average in the work of course 8, shall present the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius. The other prize will be awarded to that Senior who, together with general excellence in the daily work of Course 10, shall write the best essay on the poetry and mythology of Ovid.

The Junior Prizes, of forty and of twenty dollars for the highest scholarship in the Latin of the Junior year; special work or special examinations may be required.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by a special examination on the work of the year, together with the reading at sight of passages from Cicero, Livy, and Horace, and by the writing of a short essay in Latin.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father Henry D. Hyde of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the following subjects: (1) The Place of Poe in American Literature; (2) The Permanent Value of Matthew Arnold's Criticism; (3) The Poetry of Keats.

The Junior Prizes, of fifty dollars in books, given by an alumnus of the class of 1894, to members of the class in public speaking who excel in oratorical composition the first semester of Junior year.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879. For the year 1909-1910 the prize will be assigned for the best work in any of the English courses 11, 12, 13, 14, 15 and 16, together with the best examination upon certain special work.

The Sherwin Cody Prize, of fifty dollars, given by Sherwin Cody of the class of 1889, to a member of the Freshman class who excels in the composition of business letters.

The Folger Prizes of one hundred, of fifty, and of twenty-five dollars, given by Henry C. Folger, Jr., of the class of 1879, for the best essays on Shakesperean topics, to be competed for by members of the Senior class.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars, in astronomy, given by the late Eleazar

Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazar Porter, of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties

in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three years' standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments. at the beginning of each semester. The second instalment is payable only on condition that there is no delinquency at the end of the first semester.

Applicants for scholarships in the three upper classes must file at the Registrar's office June 1 a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from his parent or guardian, and one from his principal

or a teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades; eighty, ninety-five, and one hundred and ten dollars annually. Scholarships of eighty dollars are awarded to students whose standing is C (70 to 80); of ninety-five dollars to students whose standing is B (80 to 90); of one hundred and ten dollars, the amount of tuition, to students whose standing is A (90 to 100). Beginning with the class which entered in 1909 there will be an increase in scholarship awards corresponding to the increase in tuition fee (see page 116). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition.

Awards are made from the income of the following funds:—

The Charitable Fund, \$90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, \$25,000.

The Class of 1871 Scholarship Fund, \$25,000 established by a member of the Class.

The William Hilton Scholarship Fund, \$17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, \$12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, \$10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, \$10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, \$6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

- The Day Benevolent Fund, \$5000, the bequest of Moses Day of Boston.
- The Seymour Scholarship Fund, \$5000, the bequest of James S. Seymour of Auburn, New York.
- The Harry Wilbur Scholarship Fund, \$5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.
- The Danforth Keyes Bangs Scholarship Fund, \$4000, the bequest of Mrs. Louisa S. Baker of Amherst.
- The Farnsworth Scholarship Fund, \$3000, established by Isaac D. Farnsworth of Boston.
- The Knowles Scholarship Fund, \$3000, the bequest of Lucus J. Knowles of Worcester.
- A Scholarship Fund, \$3000, established by a friend of the College.
- The Reed Scholarship Fund, \$2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.
- The Harold Ely Morse Memorial Scholarship Fund, \$2500, established by the family of Professor Anson D. Morse.
- The Class of 1877 Scholarship Fund, \$2500, established by the Class.
- The Class of 1860 Scholarship Fund, \$2200, established by the Class.
- The Persian Scholarship Fund, \$2000, the bequest of Rev. James L. Merrick of Amherst.
- The Charles Merriam Scholarship Fund, \$2000, established by Charles Merriam of Springfield.
- The Quincy Tufts Scholarship Fund, \$2000, the bequest of Quincy Tufts of Boston.
- The Henry Gridley Class-of-1862 Scholarship Fund, \$2000, established by the class in memory of their classmate whose name it bears.
- The Henry H. Goodell Class-of-1862 Scholarship Fund, \$2000, established by the Class in memory of their classmate whose name it bears.
- The Borden Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The Anderson Scholarship Fund, \$2000, the bequest of Samuel Augustus Borden of Boston.
- The W. Eugene Kimball Scholarship Fund \$2000, established by Robert J. Kimball of Brooklyn, New York.
- The Morse Scholarship Fund, \$2000, established by Charles L. Morse of the class of 1901.
- The Draper Scholarship Fund, \$2000, established by Warren F. Draper of the class of 1847.

The Class of 1855 Scholarship Fund, \$1100, established by the Class.
The Alexander H. Bullock Scholarship Fund, \$1500, established by Alexander H. Bullock of the Class of 1836.
The Class of 1836 Scholarship Fund, \$1500, established by the Class.
The Class of 1853 Scholarship Fund, \$1500, established by the Class.
The Class of 1871 Scholarship Fund, \$1400, established by the Class.
The Class of 1826 Scholarship Fund, \$500, established by two members of the Class.

Scholarship funds of \$1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.
The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.
The George Cook Scholarship Fund, established by George Cook of the Class of 1841.
The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.
The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.
The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.
The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.
The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.
The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.
The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.
The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.
The Miller Scholarship Fund, established by Mrs. S. P. Miller of Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.
The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively, of

The Class of 1831	The Class of 1852	The Class of 1858
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The Class of 1839	The Class of 1855	The Class of 1861
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The Class of 1845	The Class of 1856	The Class of 1865
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The Class of 1849	The Class of 1857	The Class of 1869
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The Composite Scholarship Fund, established jointly by the following Classes:—

The Class of 1829	The Class of 1838	The Class of 1867
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The Class of 1835	The Class of 1866	The Class of 1870
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The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually:—

The Moore Scholarships, four of \$140 each, established by Rev. Zephaniah Swift Moore, D.D., first president of the College.

The State Scholarships, three of \$110 each, covering full tuition.

The Adams Scholarships, three of \$40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts:—

The Sayles Scholarship, \$100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, \$50 given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is issued in December and is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A record of graduates deceased during each year is issued Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Literary Monthly conducted by students, contains essays, poems, stories, and book notices.

The Olio published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(Annual Meeting in Commencement Week)

President: Mr. FRANCIS D. LEWIS, '69

Vice-Presidents:

Professor EDWIN A. GROSVENOR, '67

Mr. COLLIN ARMSTRONG, '77

Mr. F. N. LOOK, '77

HENRY P. FIELD, Esq., '80

Mr. JOHN P. CUSHING, '82

Mr. GEORGE B. MALLON, '87

Secretary and Treasurer:

Professor THOMAS C. ESTY, '93, Amherst.

Chairman of Committee on Alumni Trustees:

Mr. DANIEL F. KELLOGG, '86

Executive Committee:

Dr. EDWARD HITCHCOCK, '49

HENRY P. FIELD, Esq., '80

Professor JOSEPH O. THOMPSON, '84

Mr. ARTHUR CURTISS JAMES, '89

Mr. OLIVER B. MERRILL, '91

Mr. HERBERT L. PRATT, '95

Mr. ROBERT B. METCALF, '96

Mr. H. W. KIDDER, '97

Dr. JOHN S. HITCHCOCK, '89

The Association of Boston and Vicinity

CHARLES E. KELSEY, *President*, 201 Columbus Ave.

WILLIAM F. MERRILL, *Secretary*, 530 Atlantic Ave.

The Amherst Association of New York

WILLIAM R. MEAD, LL.D., *President*, 160 Fifth Ave.

PROF. HARRY A. CUSHING, *Secretary*, 43 Cedar St.

The Association of Brooklyn

ARTHUR R. PAINE, M. D., *President*, 379 Washington Ave.

HENRY E. TOBEY, Esq., *Secretary*, 120 Broadway, N. Y.

The Association of Lowell

REV. JOHN M. GREENE, D. D., *President*, 434 Andover St.

MR. CHARLES W. MOREY, *Secretary*, 14 Belmont St.

The Association of Central Massachusetts

CHARLES H. SIBLEY, *President*, 814 State Mutual Bld., Worcester.

VIRGIL SPAULDING, *Secretary*, 44 May St., Worcester.

The Association of St. Louis

LUTHER E. SMITH, Esq., *President*, Rialto Building.

EUGENE S. WILSON, *Secretary*, Security Building.

The Association of Central New York

REV. EDMUND A. BURNHAM, D. D., *President*, Syracuse.

J. EDWARD BANTA, *Secretary*, Binghamton.

The Association of Western New York

FRANKLIN W. BARROWS, M. D., *President*, 1364 Michigan St., Buffalo.

REV. ALTON H. COWLES, *Secretary*, 205 D. S. Morgan Building, Buffalo.

The Association of Arizona

MR. STUART W. FRENCH, *President*, Douglas.

The Association of the Southwest

PROF. LUTHER H. WHITEMORE, *President*.

EDWARD W. KIDDER, *Secretary*, Kansas City, Mo.

The Association of Cleveland and Vicinity

MR. WILLIAM E. BYRNES, *President*, 206 Superior St.

MR. CHARLES W. DISBROW, *Secretary*, University Club.

The Association of Pittsburgh

WILLIAM D. EVANS, Esq., *President*, Commonwealth Building.

HARRY G. TINKER, Esq., *Secretary*, 431 Diamond St.

The Association of Nebraska

REV. FRANK T. ROUSE, *President*, Omaha.

OSGOOD T. EASTMAN, *Secretary*, First Nat'l Bank, Omaha.

The Amherst Club of Chicago

PAUL BLATCHFORD, *President*, 1524 Tribune Bld.

FRANCIS ADAMS, JR., *Secretary*, 21 Dearborn Station.

The Association of Baltimore

REV. JOHN T. STONE, D. D., *President*, Chicago, Ill.

HORATIO E. SMITH, *Secretary*, 2430 Maryland Ave.

The Amherst Club of Minnesota

JOSEPH R. KINGMAN, Esq., *President*, Security Bld.

STUART W. WELLS, *Secretary*, Wells & Dickey Co., Minneapolis, Minn.

The Connecticut Valley Association

FRANK N. LOOK, *President*, Florence.

WALTER P. HUBBARD, *Secretary*, 304 Central St., Springfield.

The Association of Philadelphia and Vicinity

TALCOTT WILLIAMS, LL.D., *President*, 916 Pine St.

EDWIN S. PARRY, Esq., *Secretary*, Riverton, N. J.

The Rocky Mountain Association

PRESIDENT W. F. SLOCUM, LL. D., *President*, 24 College Place, Colorado Springs, Colo.

EDWARD D. UPHAM, Esq., *Secretary*, Denver, Colo.

The Association of Rhode Island

REV. FRANK J. GOODWIN, *President*, Pawtucket.

GERALD M. RICHMOND, *Secretary*, 527 Banigan Bld., Providence.

The Association of Southern California

REV. WILLIAM H. DAY, D. D., *President*, 946 South Union Ave., Los Angeles.

WILLIAM C. MARBLE, *Secretary*, National Bank of California, Los Angeles.

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter can be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Walker Hall, Amherst, Mass.

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